




*The Engineering Society Presents*

# **Skulebook 1T2**



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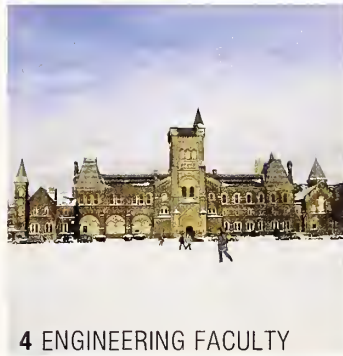




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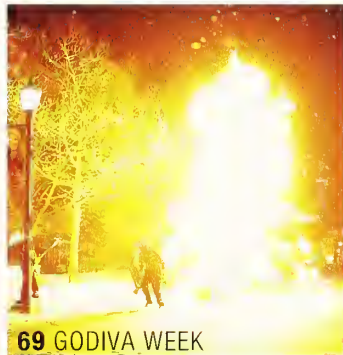
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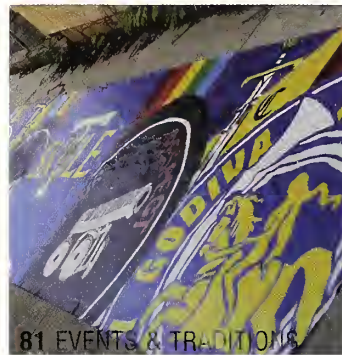
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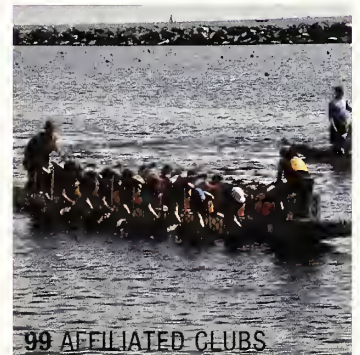
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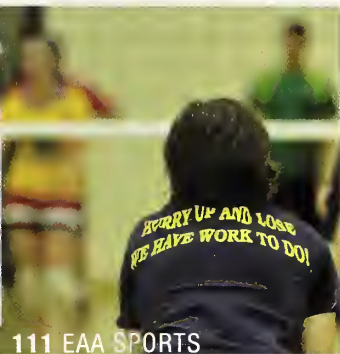
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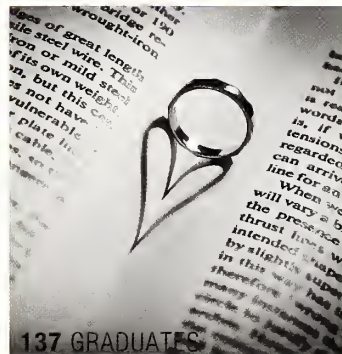
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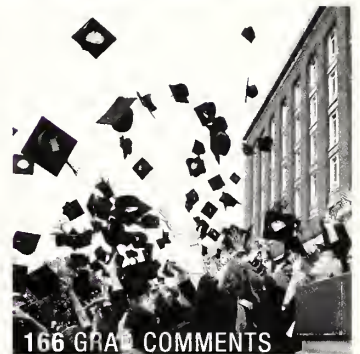
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# SKULEBOOK EDITOR

[Jocelyne Chan, INDY 1T3]



## Message from the Editor

It's been a super long year. I can't believe that we actually finished Skulebook on time! My goal this year was to create a consistency throughout the book and focus more on the content. I have been the editor for about 11 months and 16 days. This time consisted of a number of all-nighters, countless emails nagging for write-ups and many mistakes learnt the hard way (such as always, always, always back up your work and follow your personal deadlines).

I could not have ever done this without my amazing team:

**Kristin:** Thank you for always being readily available to take on any tasks that needed last minute help with. You definitely took a lot of pressure off of me.

**Cathy:** I loved the look of your F!rosh pages so much that I decided to use it as a look for the whole book. And the cover looks amazing. I want to thank you for providing your graphics skills.

**Ali:** Thank you for your help with the layout without any guidance!

**Maisha:** Thank you for being so on top of things and getting all the write-ups. I know it was a tedious task but you got it all!

**Yannick & Din:** Thank you for your amazing photography skills and planning to attend events. It took so much stress off of me to have you two take the initiation to cover events. Lastly, I want to thank you for providing Skulebook your amazing photography skills.

**Vijay:** Thank you for always being available to write the captions in such short notice! They were very interesting to read!

**Neil:** I cannot express how thankful I am to have had you on our team. I would have been totally lost in terms of getting grad comments and the website part of things without you. I think I speak on behalf of all the editors you have worked with, that you have been a great addition to the Skulebook teams. The future editors will be missing out!

And also thank you to all the contributors:

**Kim:** Thank you for being up for writing the F!rosh captions!

**Jenny:** You are a big part in the new idea of marketing with Skulebook. I want to thank you for your initiation and eagerness. I'm glad that I have you working on this with me...I don't know what I would have done otherwise!

**Billy Wong, Jimmy Lu & Chris Sun:** Without your photography skills and your photos, Skulebook would be nothing. So I want to thank all of you for your amazing skills!

To **Terri & Scott from Friesens:** Thank you for putting up with all the changes in the format in the past few months. I would not have been able to stay on track without you guys.

Lastly, to **Rhonda and the EngSoc Officers:** Thank you all for providing me support and keeping me on track. You have all pushed me to work harder to be able to reach this deadline and to expand Skulebook and its potential to improve.

To end this off, it has been a great pleasure to be able to be your Skulebook editor. It has been new and interesting journey. It's bitter sweet finishing this last page off but it's done! I hope you all enjoy this year's Skulebook and that it will help you relive moments of this year. **Thank you!**

# SKULEBOOK STAFF

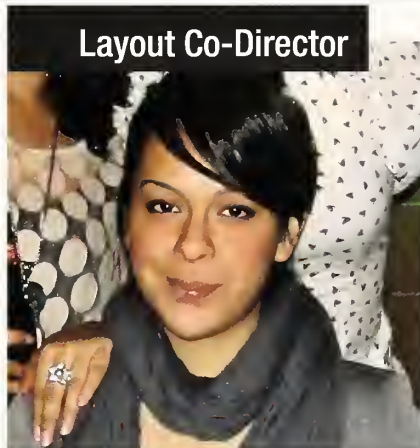
## Co-Editor



*[Kristin Foster,  
MIN 1T2 + PEY]*

Another year has come and gone already and what a year it has been! It seems like only yesterday that another year at Skule was starting, but here we are with exams just around the corner. It's been another great year as co-editor putting together a wonderful book of memories of the year at Skule!

## Layout Co-Director



*[Alessandra Trevisan,  
INDY 1T1 + PEY]*

This year I was co-layout director. Maybe if I was drunk I would have more to say.

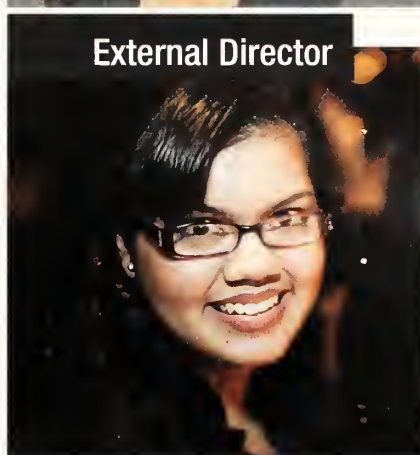
## Layout Co-Director



*[Cathy Zhu, EngSci 1T3]*

I had a great time working on the skulebook again this year. Third year has been really busy with PEY applications and design projects but I've learned so much and had tonnes of fun. I'm really looking forward to what the future has in store for me.

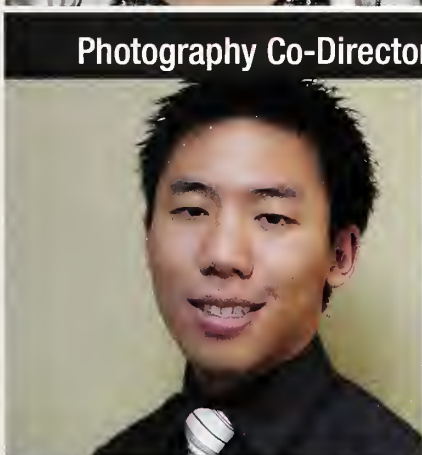
## External Director



*[Maisha Zaman, INDY 1T3]*

As the year winds down to an end, the best way to model its events would be through a sinusoidal function. Well, to be honest, there was a lot more to 1T2 than simple repetitive oscillations. Sleepless nights, endless projects, and lots of craziness in-between... The year had it all! Glad to have been part of Skulebook 1T2 to help preserve such priceless memories!

## Photography Co-Director



*[Yannick How Wong,  
ECE 1T2 + PEY]*

A photography co-director, I hope we've brought you awesome pictures.

Congrats to all class of 1T2 and 1T1+PEY! I hope you won't forget all the good and bad times in Skule™! As for me, I can't wait till next year to get my FeO! Woohoo!

Over and out ~Yan

## Photography Co-Director

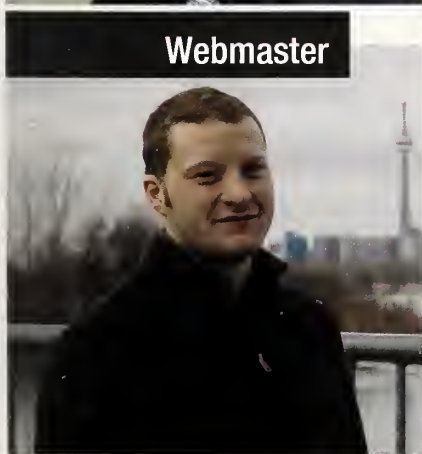


*[Mohd Fathuddin Romeli,  
MECH 1T4]*

Thanks to you, and Skulebook team, this magazine is made possible.

Now, 3 Things For You To Do: 1) Sit Down. 2) Relax. 3) Enjoy our presentation of this amazingly done Skulebook 1T2.

## Webmaster



*[Neil Isaac,  
ECE 1T1 + PEY]*

It's hard to believe this is the fourth yearbook we've published since I joined Skulebook. Thanks to everyone involved for the time and energy you put into it!

## Copy Director



*[Vijay Unnithan,  
MECH 1T3]*

Hello World! I was responsible for most of the creative writing in this book. Ironically, I can't think of anything clever to write for my blurb, so I'd like to conclude by saying that I hope that you have as much fun reading the Skulebook content as I had writing it!



# ENGINEERING FACULTY



The Faculty of Applied Science and Engineering at the University of Toronto is without a doubt Canada's oldest and most prestigious Engineering school. The faculty member's efforts, time, and dedication are the core attributes which contribute to academic excellence, pride, and the spirit of Skule™. Here is a selection of profiles who help encourage the next generation of engineers.

# DEAN OF ENGINEERING

[Cristina Amon]



## Message from the Dean

Congratulations class of 1T2! As the newest Skule™ alumni from the Faculty of Applied Science and Engineering at the University of Toronto, you are part of a rich community of engineering leaders and innovators who are making real change in the world.

In 2011-12, *Times Higher Education*, and all international rankings, once again ranked the University of Toronto as the top school in Canada for Engineering and Technology. The Faculty's Academic Plan, approved this past October after two years of rigorous consultation, will guide our

activities over the next five years and help us maintain both our high standing and our high standards for excellence.

The contributions you have made during your time here and the contributions you will make as you move forward in your engineering career are a reflection of the rigorous education received and the skills acquired through your extra-curricular pursuits. You have accomplished much in a relatively short period of time and have laid the foundation for your future. We hope that this foundation includes the Skule™ networks and friendships you have established here. These are the relationships you will call on as you steer through your career and life.

When you look at your Iron Ring, remember your obligation to the highest professionalism of engineering and remember the lessons, both academic and otherwise, that you have learned here. Use these lessons and skills to strive for excellence and make a positive change in the world.

Congratulations once again. We hope that you will stay in touch and use our Skule™ as a resource that you can turn to as you move along your chosen path.

Cristina Amon  
Dean, Faculty of Applied Science and Engineering



# VICE DEAN UNDERGRADUATE

[Susan McCahan]

## Message from the Vice Dean

2011-12 once again saw the role of Vice-Dean, Undergraduate held by two people, Professors Sanjeev Chandra and Susan McCahan, as Professor Grant Allen moved to his new role as Chair of the Department of Chemical Engineering and Applied Chemistry.

Professor Chandra and I would like to congratulate you, the class of 1T2, on your achievement. We are constantly amazed and delighted at the calibre of students that we attract to, and graduate from, our Faculty here at the University of Toronto. As engineers you will go out into the world with the knowledge and skills that you have acquired here to make a difference and improve the world we live in. That is a tremendous responsibility but one that I am sure you have been, and are now, prepared for.

As you look back on your time at the Faculty we hope that you'll remember the world renowned professors and what you learned from them, your experiences from your extra-curricular activities, and the relationships that you have built with your fellow students. As Skule™ alumni you are part of a global network of innovative engineering leaders. Know that you can call on them and on us as you pursue your career.

We wish you every success in the future and hope that you will stay in touch. Congratulations again.

Susan McCahan  
Vice-Dean, Undergraduate

Sanjeev Chandra  
Former Acting Vice-Dean, Undergraduate



# REGISTRAR

[Barbara McCann]



## Message from the Registrar

It is with tremendous joy and honour that I acknowledge the hard work and accomplishment of the Engineering graduates of 1T2. I think back to welcoming you to the Faculty of Applied Science & Engineering four or five years ago, how much you all have grown, academically and personally, and how much you have achieved.

You are ready, now, to take that leap into the next phase of your lives; some through graduate school, some through entering the workforce. Wherever life may take you from here, know that the opportunities, minors, certificates, professional

and exchange opportunities, clubs and committees you've participated in have prepared you to take on the world's challenges.

Never forget that the foundation you built, here, in university will complement your ambitions and support you throughout your life. The connections you made become an essential network, one that you will rely on for years to come. Your relationships, both inside and outside the classroom, are what make your undergraduate experience special.

As Faculty Registrar, I've had the pleasure to get to know many of you throughout your years here. While my staff and I work to help you succeed in your academic careers, it is you, the students, who make this task worthwhile. Your continued outstanding performance in academics, leadership and spirit encourage and impress everyone around you. The impact you have made on this Faculty won't soon be forgotten.

As a proud graduate of U of T Engineering, you join a global network of more than 45,000 alumni, many in leadership roles in academia and industry. Your years here represent an immense accomplishment and I am so pleased to have the opportunity to participate in this significant occasion.



# ALUMNI RELATIONS

*[Sonia De Buglio]*

## Message from the Director of Alumni Relations

To the Class of 2011 + PEY & 2012:

Congratulations and welcome to the prestigious group of over 42,000 Skule™ alumni.

You join a highly motivated and successful group of graduates who live around the world. They are CEOs, entrepreneurs, lawyers, doctors, humanitarians, volunteers, mothers, fathers, and grandparents. They are changing our world on a daily basis, and they are – and always will be – Skule™ engineers.

Our alumni generously give back to Skule™. From scholarships and awards, to research centres, labs, and the very buildings you have studied in – your student experience was enhanced in many important ways, because of the support from the students who walked these halls before you. This year many of you left your mark at Skule™ by donating to the Skule™ Gratitude Campaign. This campaign allows current students, namely the 4th years to give back in a way that is meaningful to them. As a proud Skule™ alumna and donor myself, I couldn't have been more proud to see others sharing how I feel about Skule™.

Our alumni give back in other important ways as well – volunteering at the University, Faculty or departmental level, and/or participation in events. I'm confident you will find a way to stay connected with Skule™ too.

You have received an education ranked amongst the best in the world and #1 in Canada. It is my hope that during your time here, you have had meaningful experiences and made many lifelong friends, and that you never forget that you'll always find a home here at Skule™.

With this, it is an honour to officially welcome you into the elite and world-renowned group of Skule™ alumni.

Sonia De Buglio  
Chem 9T4,  
Director of Alumni Relations & Annual Giving





# BUSINESS MANAGER

[Rhonda Meek]

## Message from the Business Manager

As most of you know, I was managing a Circus, literally, before Kevin and his team brought me on board. I thought I'd seen it all, or at least most, until I was welcomed into your fold. I hit the ground running and haven't stopped since. When I first started last February I was initiated into the world of Gradball and Skule Nite and the transition to the new team of officers before I took my first breath. Then summer came, along with my first audit and before I knew it I was getting ready for Orientation. (I was in awe at the number of clubs, room bookings, competitions and seemingly endless BBQs.) Then fall turned to exams, and winter, and the office was still jumping as preparations were in full swing for the fantastic craziness that is Godiva week! As we come full circle, getting ready for this year's Gradball, Skulenight and the transition of the new team, I can't help but be proud of all the work we have done this year. Thanks to Abishek, Donnie Christine and Michelle as Orientation was a great success and came out with a surplus! We had an amazing turn out for this year's election, candidates and voters! Stores had a banner year in sales thanks to the fabulous Sonia & Victor! And the great team of Kazem & Vincent who's management of the Café is well on track to turn a profit!

To David, Owyn, Jon, Maegan and Gordon, thank you from the bottom of my heart! And a very special thanks to all the wonderful Directors. Yes, we had our share of challenges, but we also have a lot of work to be proud of! You are all brilliant at what you do and take the concept of a circus to a whole new level!! I can't wait to see all of the opportunities and success that will be coming your way!

I'd like to say thanks to everyone I've met this year, you were all instrumental in making my first year a success. I especially enjoyed our chats and getting to know you as people, not just students. You all know who you are!

And to all the graduates, think big thoughts but don't forget to relish small pleasures.

It has been a pleasure and I look forward to doing it all again next year! Have a great summer everyone!



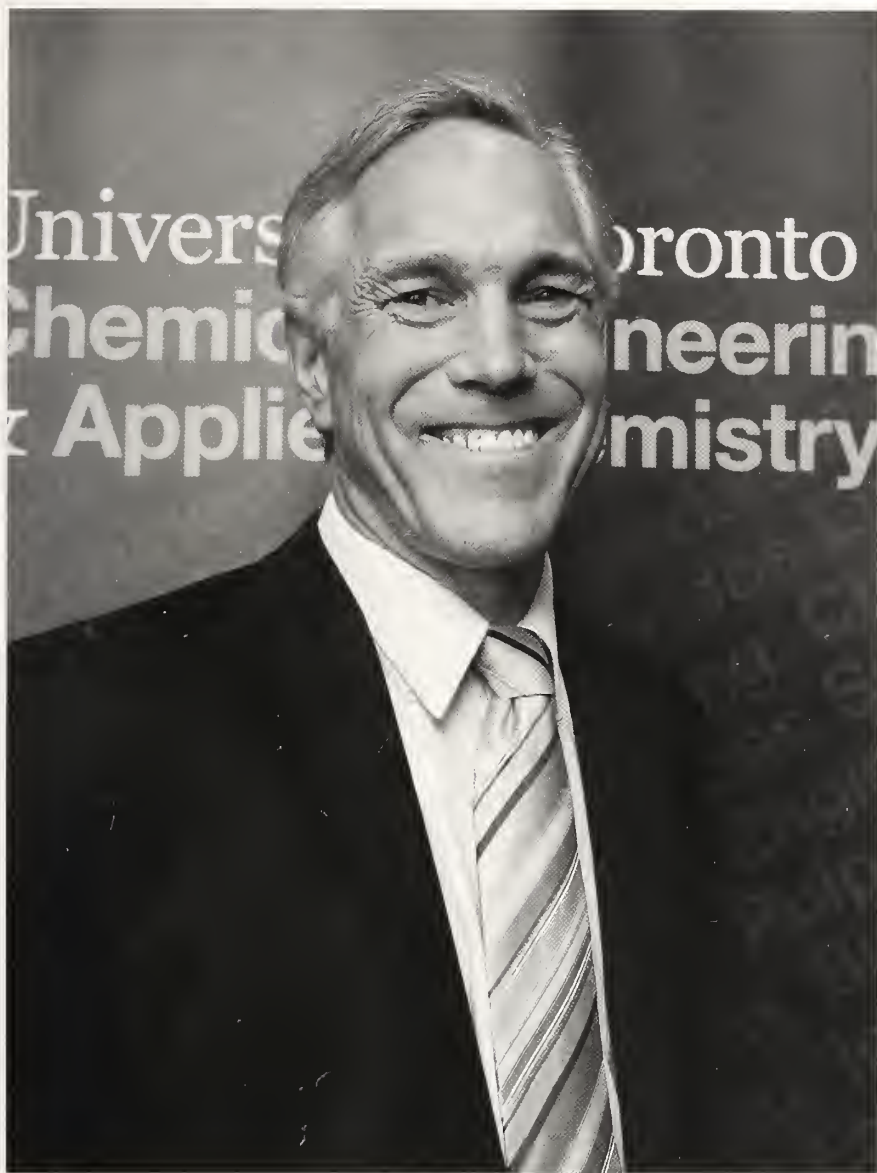


# ENGINEERING DISCIPLINES



There are a total of seven disciplines within the Faculty of Engineering. In alphabetical order: Chemical, Civil, Electrical & Computer, Engineering Science, Mechanical & Industrial, Materials and Mineral. In order to bridge the gap between the Faculty and Engineering Society, the discipline chairs work with the discipline clubs to provide a well rounded environment for each student.

# CHEMICAL ENGINEERING



## Message from CHEM Department Chair

*[Grant Allen]*

As Chair of the Department of Chemical Engineering and Applied Chemistry, I've had the pleasure to see our undergraduate students excel in the academic year of 2011-2012. Accolades garnered by them include winning the competitive Accenture Scholarship, the Canadian Society for Chemical Engineers Student Chapter Merit Award, two U of T Gordon Cressy Awards, and achieving 81.37% fourth year class participation in the Faculty's Gratitude campaign.

Undergrads affiliated with our program are excellent leaders. This June, 100 students will

graduate from our Department and find themselves highly competitive for a wide variety of positions in fields such as bioprocess engineering, biomedical engineering, energy, pulp and paper, chemical and material process engineering, and much more.

A primary goal of our program is to prepare our students for careers directly or indirectly related to chemical engineering and applied chemistry, and to be able to innovate and lead in the solution of 'the next' important challenges facing our society. Achieving that goal requires that our faculty and students are actively engaged at the forefront of research. Our students conduct their studies alongside faculty and graduate students in our Department's laboratories that include an enhanced Unit Operations Lab, chemistry laboratories and multidisciplinary research facilities such as the Southern Ontario Centre for Atmospheric Aerosol Research (SOCAAR), Surface Science Ontario and most recently BioZone.

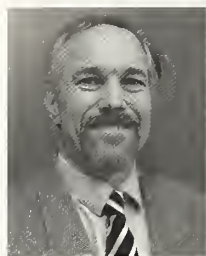
It is this collaborative effort between our faculty and students and the outstanding achievements of our alumni that led to our ranking of 1st in Canada and 14th in the world among departments of chemical engineering. On behalf of the Department of Chemical Engineering and Applied Chemistry, I'd like to thank our students for making this academic year a memorable and exceptional one. Best of luck in your future careers, wherever they take you. More than ever, the world needs your chemical engineering expertise to lead us to a more sustainable future. Please make sure to stay in touch and help us build a brighter future.



# CHEM PROFESSORS



E.J. Acosta



G. Allen



T.P. Bender



Y-L. Cheng



Cathy Chin



W.R. Cluett



L.L. Diosady



E.A. Edwards



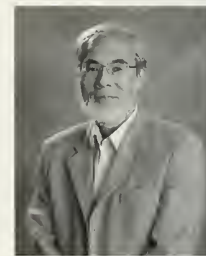
G.J. Evans



R.R. Farnood



C.Q. Jia



M. Kawaji



D.W. Kirk



M.T. Kortschot



Y.A. Lawryshyn



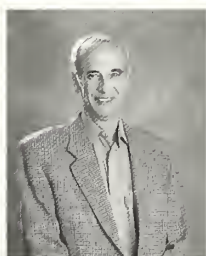
R. Mahadevan



E.R. Master



A.P. McGuigan



C.A. Mims



R.C. Newman



V.G. Papangelakis



J.C. Paradi



M. Radisic



A. Ramchandran



D.W. Reeve



A. Savchenko



B.A. Saville



M.V. Sefton



M.S. Shoichet



H.N. Tran



C.M. Yip

A.F. Yakunin

# CHEM CLUB



## Chemical Engineering

Chemical Engineering at UofT has had a long and reputed history since establishment over 60 years ago. Blending together principles from chemistry, math, physics and biology, every course is catered towards challenging students to think beyond the box. With a world class faculty, strong research ranging from tissue engineering to environmental remediation, and a very active student life, chemical engineering offers an outstanding educational experience. Our program was recently ranked first in Canada and fourteenth in the world.

## Message from Chem Club Chair

*[Sami Khan, CHEM 1T1 + PEY]*

It feels absolutely surreal to be graduating after five years at this great institution. After holding executive positions with Chem Club in every year of my studies, I was thrilled to be elected as Chair this year. Serving in this role has been an absolute honour and an experience to remember. Thanks to our highly motivated and dynamic team, we found success at many events that we organized both in terms of student participation and general planning logistics, thus bonding our student community even closer. I have grown as a leader through my involvement at Skule and I cannot wait to put to use my learning and skills as a newly graduated chemical engineer!

## Accomplishments

This year, Chem Club successfully organized our traditional flagship events as well as a few new events. We kicked off the year with our annual Fall textbook exchange and two very successful BBQs in September, all of which saw record student participation. In November we hosted our 53rd Annual Dinner and Dance (nicknamed "the Van der Ball") at the Delta Chelsea Hotel which was attended by well over 25% of our students and faculty members. More recently we held our first movie night in January and, for the first time ever, we will be organizing a Ski Trip in February. We also sold new Chem Club T-shirts and have had an excellent record in interdisciplinary basketball and soccer tournaments. All in all, a fantastic year for us with a very satisfactory student participation!

## Chem Club Executives

*Chair* Sami Khan  
*Vice-Chair* Ajay Kocchar  
*Treasurer* Kelly Bryck  
*Social Director* Akash Kaushal  
*Fundraising Director* Nikita Desai

*Secretary* Noosheen Walji  
*Athletics Director* Patrick Polvorosa  
*Advertising Director* Schnelle Gopalan  
*Webmaster* Cathy Shi  
*Common Room Manager* Mehraz Khan

*First Year Rep* Laura Burget  
*Second Year Rep* Ishan Gupta  
*Third Year Rep* Neha Mithia  
*PEY Rep* Anika Mohammed  
*Fourth Year Rep* Meraj Shah



# CHEM CLASS PHOTOS



CHEM 1T1 + PEY



CHEM 1T2+ PEY



CHEM 1T3



CHEM 1T4



CHEM 1T5





## Message from CIV Department Chair

*[Brenda McCabe]*

I extend my sincere congratulations to the Engineering class of 1T2. It has been inspiring to watch you grow and gain confidence as you progressed through your programs toward graduation.

You are now embarking on a journey that will take you to different places, career paths, and experiences. I hope that you make the effort to stay in touch with each other. You'll find in a few years that a trip down memory lane is a wonderful experience. I'd like to share with you some lessons and insights that I've gained from my own journey. They are embodied in five rules that I modify regularly, but here they are as they exist today.

1. Take responsibility for yourself and your actions. Sometimes that means admitting a mistake or taking a difficult and lonely stand for something you believe in. Most importantly, don't dwell on a mistake, but make darned sure that you learn from it.

2. Never stop learning. This means professionally, personally, environmentally, socially, and any other

perspective you desire. Keep your mind and body fit and alert.

3. Be kind to the earth. As engineers, you are in a position of leadership and influence. Always consider the impacts of your decisions on the environment and society, and make the necessary changes to minimize negative impacts. Take responsibility. Sign "A Promise To Future Generations" and encourage others to sign it too.

4. Get/stay involved. Join a special interest club to meet people from different walks of life. Send an email to one of your favorite former professors just to say Hi and Thanks. Volunteer. Donate.

5. Have fun. Life is surprisingly short, and you want to make sure that you maintain a balance that provides you with satisfaction. Enjoy your job. Love your family.

I wish you all the excitement, growth, and satisfaction of a successful life. Stay in touch and look after yourself. But most of all, congratulations! We're very proud of you.

Brenda McCabe, PhD, PEng  
Chair, Civil Engineering, University of Toronto

# CIV CLUB



## Civil Engineering

Civil Engineering is a profession concerned with the ways in which humans interact with both the natural and built environments. Civil Engineers, embark on a career that is challenging, rewarding and makes a difference in people's everyday lives. There are different types of Civil Engineers: those that deal with visible things such as buildings, tunnels and highways, and those that work on "behind the scenes" projects such as pipelines, building foundations, and water treatment.

## Message from CIV Club Chair

*[Garry Carr, CIV1T1 + PEY]*

My endeavour as Civ Club chair all started when a class mate mentioned that they thought I should nominate myself for the position. I was hesitant at first to nominate myself, but looking back on the year I'm glad that I did. This has been an amazing year, the year started off with a small event during F!rosh week that introduced the F!rosh to Civ Club. As midterms neared we all took a break to attend Dinner Dance where everyone dressed up, ate some good food, drank a lot of boozes and danced the night away (We even got to see the professors and staff have a few drinks and let loose). Second semester started off with a riot as Civ dominated the Ye Olde Grande Chariot Race for the first time in over 10 years!!! It was amazing to see everyone come out and show their Civ Spirit. I hope everyone had fun at our events this year and that you see the year as a success just like I do. Now I would like to take the time to thank my entire executive along with the department for all their support and hard work. Finally I would like to congratulate and wish the class of 1T2 and 1T1 + PEY the best of luck in their future endeavours!

## CIV Club Executives

*Chair* Garry Carr  
*Vice-Chair* Momo Sun  
*Treasurer* Sam Lane  
*Social Rep* Colin Kalaska  
*Business Rep* Che McWater

*Academic Rep* Adam Di Placido  
*First Year Rep* Nicholas Valenton  
*Second Year Rep* Matthew Lattavo  
*Third Year Rep* Evan Ma  
*Fourth Year Rep* Vanessa DiBattista



# CIV CLASS PHOTOS



CIV 1T3



CIV 1T1 + PEY & CIV 1T2



CIV 1T5 + MIN 1T5



# CIV & MIN PROFESSORS



Baher Abdulhai



Barry Adams



Robert Andrews



Susan Andrews



William Bawden



Evan Bentz



Philip Byer



Constantin Christopoulos



Michael Collins



Tamer El-Diraby



Kamran Esmaili



Paul Gauvreau



Murray Grabinsky



Giovanni Grasselli



Khandker Habib



John Hadjigeorgiou



John Harrison



Ronald Hofmann



Douglas Hooton



Bryan Karney



Christopher Kennedy



Oh-Sung Kwon



Heather MacLean



Brenda McCabe



Oya Mercan



Eric Miller



Jeffrey Packer



Daman Panesar



Karl Peterson



Kim Pressnail



Matthew Roorda



Amer Shalaby



Shamim Sheikh



Brent Sleep



Willem Vanderberg



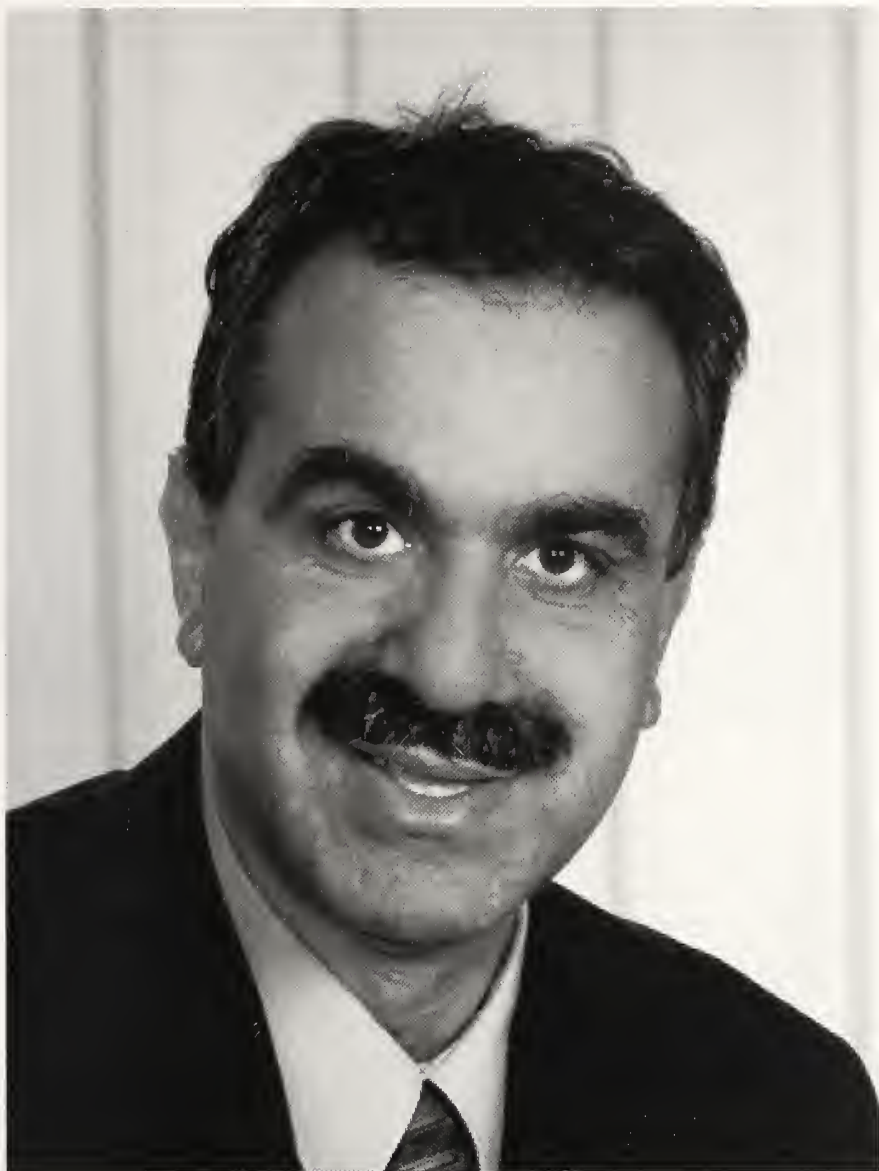
Frank Vecchio



Kaiwen Xia



Paul Young



## Message from MIN Department Chair

*[John Hadjigeorgiou]*

It gives me great pleasure to congratulate you on the completion of your studies in Mineral Engineering at the University of Toronto. It has been a pleasure to be your professor and watch your journey at the University of Toronto.

It is our sincere hope that this has been an interesting and challenging journey. As part of the Lassonde Mineral Engineering Program you were part of a close knit community of exceptional students with shared experiences and memories that we hope you will cherish throughout your career.

In taking the next step in your career we hope you will choose a path for which you are passionate. The job and position will change and evolve along the way, but with a passionate approach you will find that your career will be always be fulfilling and rewarding. I am convinced that as graduates of the Lassonde Mineral Engineering Program will have interesting and challenging options to choose from in Canada and overseas.

You are now all part of the Lassonde Mineral Engineering tradition of commitment to the mineral industry, leadership and the spirit of collaboration as exemplified by Dr. Pierre Lassonde. We would love to keep in contact throughout your career and will always be interested celebrate your successes and share your experience with up-coming classes.

On behalf of the Associate Chair Prof. John Harrison and all my colleagues from the University, the Adjunct Professors and all the support personnel, we congratulate you and wish you well in your future endeavors.

John Hadjigeorgiou, Ph.D., P.Eng., ing.  
Claudette MacKay-Lassonde Chair in Mineral Engineering  
Director, Lassonde Mineral Engineering Program



# MIN CLUB



## Message from MIN Club

Your university experience should be more than classes, midterms, labs, and tutorials. Without any social involvement, your four years here will certainly be long and monotonous. University is where you will meet future colleagues, contemporaries and business contacts in addition to where you will develop some of your closest personal friendships. As a Mineral Engineering student, The MINclub is there to provide all these opportunities and more.

The MINclub is made up of students in Mineral Engineering, so we represent the needs and interests of our fellow students better than anyone else could ever hope to. MINclub organizes a number of "industry nite" functions, where prominent members of the Canadian mining industry come to mingle with students in a casual settings over beer and food. There is no better way to meet the people who will hire you for a summer, PEY or post-graduate job. We also make students aware of the various formal opportunities to network with Mining professionals in and around Toronto.

It's not all business though. MINclub sees to it that Skule™ is not only easily navigable, but fun. The MINclub organizes a multitude of social events for the students throughout the year. In addition to semi-formal dinner dances and numerous parties, in the past we've been to monster truck shows, Canada's wonderland, a petting zoo and any other wacky place that sounds fun! At school, we have a top-notch computer lab and a well-appointed lounge. These make for great spots to pass the time between classes. They are the hub of mineral engineering and are always filled with laughs and good times.

Combining business with pleasure, MINclub also supports our "Mining Games" Team. These Olympiads, held in different locations all over Canada, are a gathering of engineering students from every mining discipline across the country to meet and compete in a fun and challenging environment.

In the end, think of MINclub as the Society for the Preservation, Education and Entertainment of Mineral Engineers at the University of Toronto. We're all getting an education, so we might as well have a good time while we're here!

## MIN Club Executives

*President* Sabrina Miguel  
*VP Academic* Sebastien Balda  
*VP Finance* Valerie Surhoff  
*VP Social* Mariana Pinheiro  
*VP Industry* Filip Medinac

*Common Room Manager* Paolo Tomasone  
*First Year Coordinator* Rob Stuglik  
*First Year Rep* Anthony Suppa  
*Second Year Rep* Ivan Zdravkovic  
*Third Year Rep* Sebastien Balda

*Fourth Year Rep* Sabrina Miguel  
*UofT Lassonde 2012 Mining Games*  
*Captains* Sabrina Miguel & Patrick Baker



# MIN CLASS PHOTOS

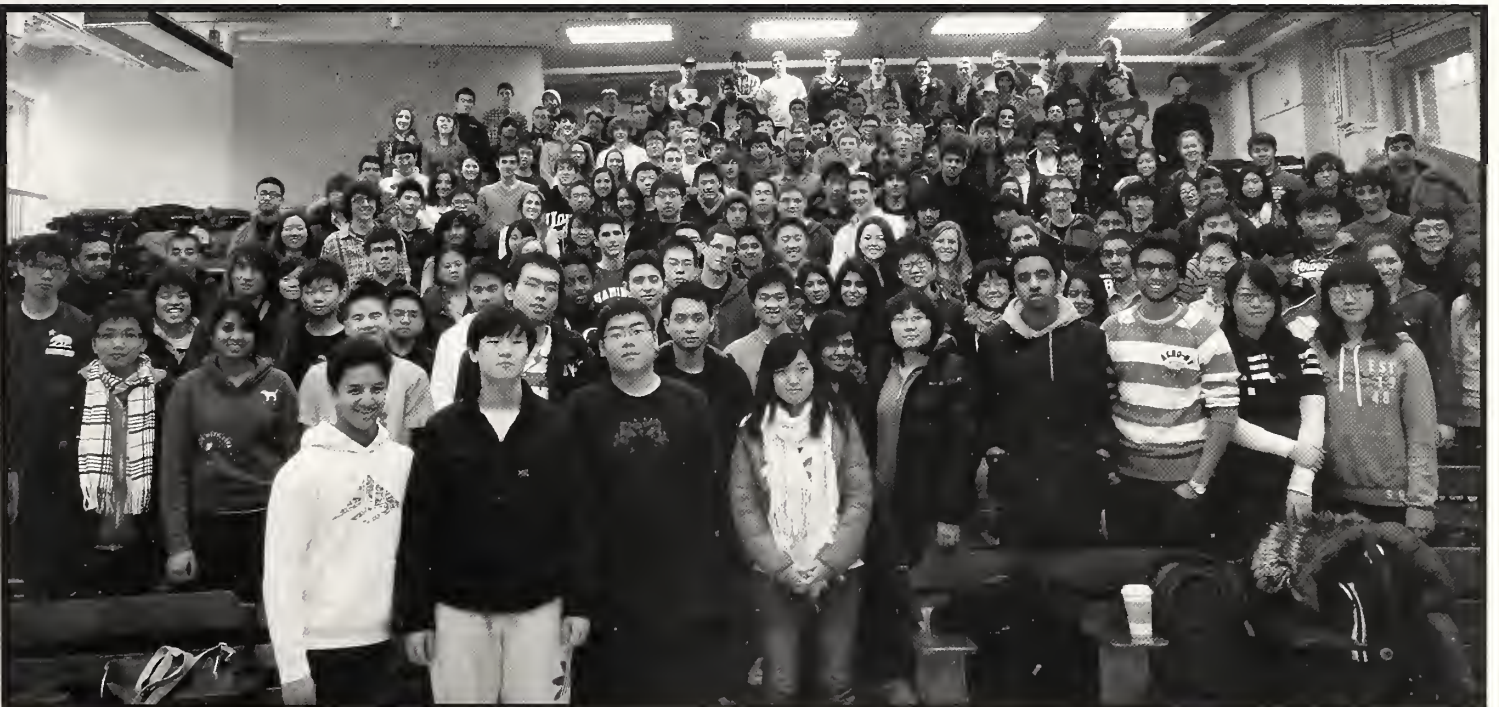


MIN 1T1 + PEY & MIN 1T2



CIV 1T5 + MIN 1T5

# TRACKONE CLASS PHOTO





# ELECTRICAL & COMPUTER ENGINEERING

Electrical & Computer Engineering



## Message from ECE Department Chair

*[Farid Najm]*

It is my sincere hope that, as you look back on your time as an undergraduate, you will come to realize what a great education you received in our ECE department and what a great time you spent at the University of Toronto. Our goal is to prepare you for a successful engineering career and, as you will find, for a life-long process of learning.

I have been department chair since July 2009 and I consider it my job to keep the department on course towards a great future, both in terms of teaching and research. On the teaching side, we will continue to maintain and improve our undergraduate flexible curriculum. We also hope to make improvements in our graduate curriculum, especially our professional masters program. In the years ahead, you may find it useful to participate in this program yourself. On the research front, we are working to strengthen our research operation in new and emerging areas, and to facilitate the creation of bold new research initiatives. We are also working to increase our visibility on the research front, on both the national and international levels, and to strengthen our collaborations and links to industry and government.

Finally, I am working to strengthen our activities in the areas of advancement and alumni relations. We have over 5000 alumni in the GTA alone. We want to tap into that great network of professionals, for the benefit of our students and our programs. As you graduate and enter the workforce, we hope to remain in touch with you and to seek your advice. You should consider our department as your "home", and you are always welcome to visit. We hope to benefit from your expertise in the years to come in order to help mentor our students, to help us with courses and design projects, and generally to help us grow the relevance and strength of our, and your, ECE department.

Farid N. Najm  
Chair, The Edward S. Rogers Sr. Dept. of Electrical & Computer Engineering,  
University of Toronto



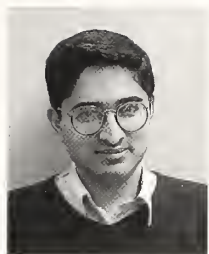
# ECE PROFESSORS



Parham Aarabi



Tarek Abdelrahman



Raviraj Adve



J. Aitchison



Christiana Amza



Jason Anderson



Peter Anderson



Richard Bonert



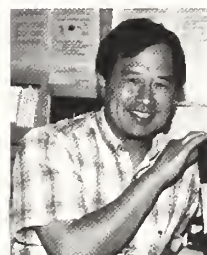
Mireille Broucke



Stephen Brown



Tony Chan Carusone



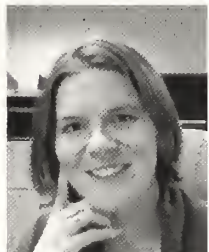
Paul Chow



Edward Davidson



Francis Dawson



Natalie Enright Jerger



Brendan Frey



Roman Genov



Ashvin Goel



Glenn Gulak



Dimitrios Hatzinakos



A. Helmy



Peter Herman



Sean Victor Hum



Hans-Arno Jacobsen



David Johns



Ashish Khisti



Frank Kschischang



Raymond Kwong



Peter Lehn



Alberto Leon-Garcia



Ofer Levi



Baochun Li



Ben Liang



David Lie



Hoi-Kwong Lo



Manfredi Maggioro





Mo Mojahedi



Andreas Moshovoc



Farid Najm



Wai Tung Ng



Larca Pavel



Khoman Phang



Joyce Poon



Aleksandar Prodic



Li Qian



Jonathan Rose



Ali Sheikholesalmi



Peter Smith



Elvino Sousa



Greg Steffan



Michael Stumm



Oliver Trescases



Shahrokh Valaee



Belinda Wang



Wei Yu



Jianwen Zhu

### Missing Portraits

Bardakjian, B.L.  
Betz, V.  
Blake, I.F.  
Carter, J.  
Cobbold, R.S.C.  
Dmitrevsky, S.  
Eleftheriades, G.V.  
Iravani, M.R.  
Joy, M.L.G.  
Kherani, N.  
Kunov, H.  
Lee, E.S.  
Liebeherr, J.  
Mann, S.  
McCausland, I.  
Nachman, A.  
Plataniotis, K.N.  
Sargent, E.H.

Sarris, C.D.  
Scardovi, L.  
Semlyen, A.  
Smith, K.C.  
Stickel, M.  
Tate, J.  
Triverio, P.  
Truong, K.  
Veneris, A.  
Voinigescu, S.P.  
Wong, W.  
Yoo, P.  
Zaky, S.G.





## Message from ECE Club Chairs

*[Misha Stecyk, Celine Ko, and Paul Park]*

Hey ECE!

Wow, what a great year it's been. ECE Club would like to thank everyone who came out to an event this year or supported our discipline by participating in Skule Kup, Flrosh Week, Godiva Week and others. ECE Club's events for this year included: the Flrosh Week Discipline Club lunch at the beginning of the year, the Book Exchange, the ECE Club BBQ fundraiser outside SF, the first Poker & Board Games night at SUDS, the 2nd annual Hot Chocolate and Cookies, the 2nd annual DoTA tournament, the Magellan Info Session with ECE LOT in February, renovating the Common room with the sexy new TV and XBOX, the Iron Ring Party at SUDS, and various common room smokers.

We would like to give a BIG thank you and shout out to our ECE Club Executive 1T1-1T2:

*Comp Vice Chair* David Xie

*Elec Vice Chair* Anmol Kaur

*Comp Finance* Kevin Nam

*Elec Finance* Allan Wang

*Elec Social* Wasif Khan

*Facilities Manager* Zhe Gong

*Communications Director* Shane Blackie

*Webmaster* Luis Ramirez

And of course, our Class Reps:

*1st Year Elec Rep* Julian Romagnino

*2nd Year Elec Rep* Yerusha Nuh

*2nd Year Comp Rep* Victor Zhang

We hope everyone's had a great year – it wouldn't have been as great without all of you – and we wish you all the best!

Love,

ECE Club

*Misha Stecyk, Celine Ko, and Paul Park*

*ECE 1T2, ECE 1T1 + PEY, ECE 1T1 + PEY*



# ECE CLASS PHOTOS



ECE 1T1 + PEY & ECE 1T2



ECE 1T5



ECE 1T1 + PEY & ECE 1T2



ECE 1T4





## Message from EngSci Department Chair

*[Mark Kortschot]*

Dear EngSci 1T2s and 1T1+PEYs,

I would like to extend my congratulations to you on behalf of the eDivision of Engineering Science. It has been an honour to serve as your Chair during your graduating year.

Your Iron Ring represents a significant investment of your talents, time, and energy, and I know you wear it proudly. As EngSci's, you have contributed to an impressive community that fosters excellence in all areas. You fully embody the Spirit of EngSci - hard work, creativity, energy and innovation.

Whether your Engineering Science degree leads to graduate school or directly into the workforce, I wish you a fulfilling and exciting future. I am confident that your class, like those that have gone before you, will do great things.

# ENGSCI PROFESSORS

## M.T. Kortschot

*[Professor & Chair]*

B.A.Sc. M.A.Sc.(TORONTO), Ph.D.(Cambridge), P.Eng.

## C.D. Sarris

*[Professor & Associate Chair]*

DIP.ECE (NAT. TECH. UNIV. OF ATHENS), M.Sc.(MICHIGAN), Ph.D.(MICHIGAN), Eugene Polistuk Chair in Electromagnetic Design

## J.W. Davis

*[Aerospace Option Chair & Associate Chair]*

B.A.Sc., M.A.Sc., Ph.D., P.Eng., Senior Lecturer of Aerospace Engineering

## J. Foster

*[Senior Lecturer]*

B.A.Sc., M.A.Sc. (WATERLOO), L.L.F.M., Engineering Design Education

## L. Romkey

*[Senior Lecturer]*

B.Sc. Env. (GUELPH), M.Ed. (OISE/UT), Curriculum, Teaching and Learning

## C.A. Simmons

*[Biomedical Option Chair]*

B.Sc.Eng. (GUELPH), S.M. (MIT), Ph.D. (TORONTO), P.Eng., Associate Professor of Mechanical and Industrial Engineering, Canada Research Chair in Mechanobiology

## P. Chow

*[Electrical & Computer Option Chair]*

B.A.Sc., M.A.Sc., Ph.D., Professor of Electrical and Computer Engineering, Dusan and Anne Miklas Chair in Engineering Design

## B.W. Karney

*[Energy Option Chair]*

B.A.Sc. (UBC), M.Eng. (UBC), Ph.D. (UBC), P.Eng., F.A.A.S., Professor of Civil Engineering

## J. Tate

*[Energy Option Chair]*

B.S.(LOUISIANA TECH), M.S.(ILLINOIS), Ph.D.(ILLINOIS)

## M.P. Collins

*[Infrastructure Option Chair]*

B.E.(CANTERBURY), Ph.D.(N S W), F.A.C.I., F.C.S.C.E., P.Eng., University Professor and Bahen-Tanenbaum Professor of Civil Engineering

## M.J. Roorda

*[Infrastructure Option Chair]*

B.Eng. & SOCIETY (MCM), M.A.Sc., Ph.D., P.Eng., Associate Professor of Civil Engineering

## R.H. Kwon

*[Mathematics, Statistics & Finance Option Chair]*

B.A. (CHICAGO), M.S. (ILLINOIS), M.S. (MICHIGAN), Ph.D. (UPENN), L.L.F.M., Associate Professor of Mechanical and Industrial Engineering

## D.D. Perovic

*[Nanoengineering Option Chair]*

B.A.Sc., M.A.Sc., Ph.D., P.Eng., F.C.A.E., Professor of Materials Science and Engineering, Celestica Chair in Materials for Microelectronics

## P. Savard

*[Physics Option Chair]*

B.Sc.(SHERBROOKE), M.Sc.(MONTRÉAL), Ph.D. (MONTRÉAL), Associate Professor of Physics



# ENGSCI CLUB



## Engineering Science

EngScis are strong like bull, smart like streetcar, beautiful like Fundamental Theorem of Calculus. When we're not building mother-loving autonomous robots, we like to study the financial feasibility of using concrete electrically controlled nano-sized aircraft to conduct energy measurements inside biological organisms from the standpoint of engineering physics.

## Message from EngSci Club Chair

*[Matthew Karabela, EngSci 1T1 + PEY]*

My name is Matthew Karabela. 1T1 + PEY Infra. Before I couldn't spell engineer but now I am one!

## Accomplishments

This year, the EngSci Club got a new X-Box to further expand the recreational facilities of our common room. Our club brought our usual 4.0 GPA game to the foosball competition at Skule Kup and dominated the other disciplines. Last but not least, our annual ski trip to Smuggler's Notch in Vermont was a huge success.

## EngSci Club Executives

*President* Matthew Karabela  
*Vice-President* Rishi Maharaj  
*Communications* Zimu Zhu  
*Finance* Michael Chai  
*Athletics* J.P. Nijjer

*First Year Rep* Brandon Li  
*Second Year Rep* Neell Young  
*Third Year Rep* Stuti Rungee  
*Fourth Year Rep* Wilson Poon



# ENGSCI CLASS PHOTOS



EngSci 1T5



EngSci 1T4



EngSci 1T3



EngSci 1T1 +PEY & EngSci 1T2



EngSci 1T3



# MECHANICAL & INDUSTRIAL ENGINEERING



## Message from MIE Department Chair

*[Jean Zu]*

Dear students:

What will you remember most about your year at Skule™?

This year has been one of celebration for the Department of Mechanical & Industrial Engineering and our students continue to be at the forefront of many successes.

September 24, 2011 marked the height of a year-long celebration for the 50th anniversary of Industrial Engineering – the first program of its kind in Canada – with a full-day symposium and Gala Dinner at the Royal York Hotel. Many students and alumni took part in the symposium with presentations by alumni from each decade of the program. The presentations highlighted the diversity of careers for industrial engineers today.

Following the successful launch of the Industrial Engineering Capstone Design for fourth-year students, Mechanical Engineering students began in the fall, gaining hands-on experience by collaborating with an industry partner on an innovative project. Small teams of students also

had the opportunity to work with students from Beijing, China, Peking University (PKU) on a joint Capstone project.

The many extra-curricular clubs such as Mech Club, Indy Club, ASME, Formula SAE and Leaders of Tomorrow, just to name a few, organized number of events throughout the year that brought students together outside the classroom. Our students competed in national and international competitions, winning top places in contests ranging from consulting to design. Many students were involved in community engagement and enjoyed networking and collegial experiences. MIE's Gratitude committee also organized a successful class giving campaign where all proceeds go directly back to student activities.

Congratulations to the MIE graduating class of 1T1 + PEY and 1T2 for your great accomplishment! Stay connected ([address.update@utoronto.ca](mailto:address.update@utoronto.ca)) and let us know where your career takes you. I also encourage you to join "Mechanical & Industrial Engineering @ UofT" on Facebook and our "U of T Mechanical & Industrial Engineering Alumni" group on LinkedIn.

Sincerely,  
Professor Jean Zu  
Chair, Department of Mechanical & Industrial Engineering

# MIE PROFESSORS



Dionne Aleman



Cristina Amon



Nasser Ashgriz



Baris Balcioglu



Aimy Bazylak



Jason Bazylak



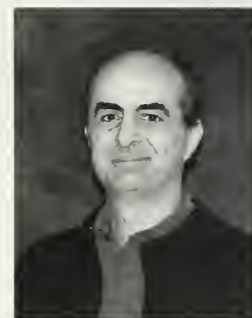
J. Christopher Beck



Kamran Behdinin



Ridha Ben Mrad



Beno Benhabib



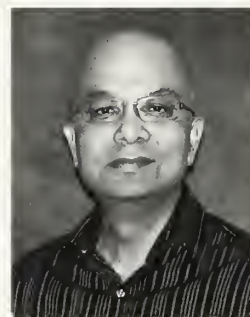
Markus Bussmann



Michael Carter



Timothy Chan



Sanjeev Chandra



Mark Chignell



William Cleghorn



Mariano Consens



Birsen Donmez



Mark Fox



Daniel Frances



Michael Gruninger



Axel Guenther



Greg Jamieson



Olivera Kesler



Roy Kwon





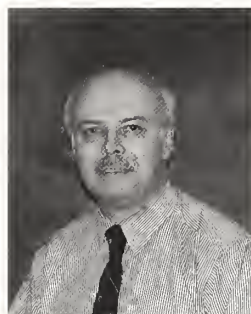
Chi-Guhn Lee



Matthew Mackay



Viliam Makis



Andreas Mandelis



Susan McCahan



Shaker Meguid



Paul Milgram



James Mills



Javad Mostaghimi



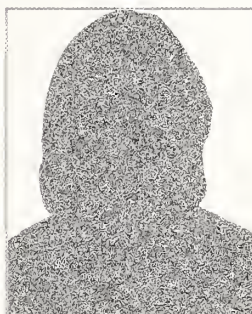
Hani Naguib



Goldie Nejat



Chul Park



Lily Shu



Craig Simmons



Anthony Sinclair



David Sinton



Jan Spelt



David Steinman



Pierre Sullivan



Yu Sun



Murray Thomson



James Wallace



Lidan You



Jean Zu



# MECH CLUB



## Message from MECH Club

The Mechanical Engineering Club (Mech Club) represents the entire Mechanical Engineering student body at the University of Toronto. The peer-elected student executive members are the main points of contact between the students and wider faculty, bringing concerns and issues to attention. Aside from the academic and course support, the club also strives to enhance the social aspect of engineering. In fact, this year proved to be a successful one for the club. The annual MIE Dinner Dance was an energetic, dynamic event, and quite possibly the best in recent memory! Students continued to get hoodies unique to each class year which encouraged class unity. The first ever Mech Club soccer team had a strong season. Mech Club basketball continued this year and they hope to defend their title. As always, exciting events such as free shinny, the ski trip, pick-up soccer and class year socials helped to round out a successful year for the club. The Mech Club would like to thank all of its executive members and Mechanical Engineering students for a memorable SkuleTM year.

I would like to thank the Mechanical Engineering Club executive for their hard work and dedication which saw the club achieve a new level of student engagement this year.

To those who are graduating: you have spent the last four years immersed in a world of intellectual challenge that has been made memorable as a result of the camaraderie that you have shared with your peers and colleagues. As you strive to achieve your full potential in future endeavours, remember not only what you learned at the University of Toronto, but how you learned it: hard work, an honest effort, and compassion for those around you will help to carry you a long way in life.

## MECH Club Executives

*Chair* Andrew Pienkow

*Vice Chair* Meera Chandrabalan

*Treasurer* Daniel Osmokrovic

*Mentorship Director* Rahul Fernando

*Sports Director* Erickson Taruc

*Webmaster* Edward Choi

*First Year Rep* Steve Lu

*Second Year Rep* Raymond Luu

*Third Year Rep* Trevor Burton

*PEY Rep* Kavish Nursimulu



# MECH CLASS PHOTOS



MECH 1T1 + PEY & MECH 1T2



MECH 1T3



MECH 1T4



MECH 1T5



# INDY CLUB



## Industrial Engineering

Industrial engineering focuses on people and how they interact with technology. Industrial engineers also have a goal of making a process of system be more efficient, more user-friendly, or more effective. There are three main focuses: Information Systems, Human Factors, and Operations Research. Information Systems focuses on business processes and how information flows within an organization. Human Factors studies the physical and mental aspects of how people work and work with technology. Operations Research aims to find optimal solutions to numerical problems by identifying formulation and constraint techniques using mathematical models. The diverseness of industrial engineering prepares its graduates for a job in any industry or company.

## Message from INDY Club Chair

*[Stephanie Chow, INDY 1T1 + PEY]*

My goal for the year was to provide Indy students with valuable events and services. 20+ events later, I would like to believe that we accomplished this goal. The executive team has inspired me and the club to strive for constant growth, leading to amazing new initiatives, like the Indy competitions and the Spirit Award. I am very proud of what we have accomplished as a team and would like to thank all the execs for their amazing work this year.

## Accomplishments

This year, the Industrial Engineering Club has continued its tradition of providing our students with academic, professional, and social events. The executive team has worked hard to ensure that the students' needs are met with over 20 successful events, including MIE Dinner Dance, course talks, mentorship events, and various IIE professional events. New events were created, including the Indy Simulation Competition, the Industrial Engineering Competition Day, and the Indy Game Show Battle Night, and the Indy Spirit Award was established. The Indy Club prides itself on being collaborative, unified and spirited.

## INDY Club Executives

*Chair* Stephanie Chow  
*Vice-Chair* Kazem Kutob  
*Finance Director* Bernard Ho  
*Social Director* Marwan Dajani

*Communications Director* Florencia Herrera  
*IIE Director* Swapneel Mehta  
*First Year Rep* Judy Zhu  
*Second Year Rep* Lea Janossy

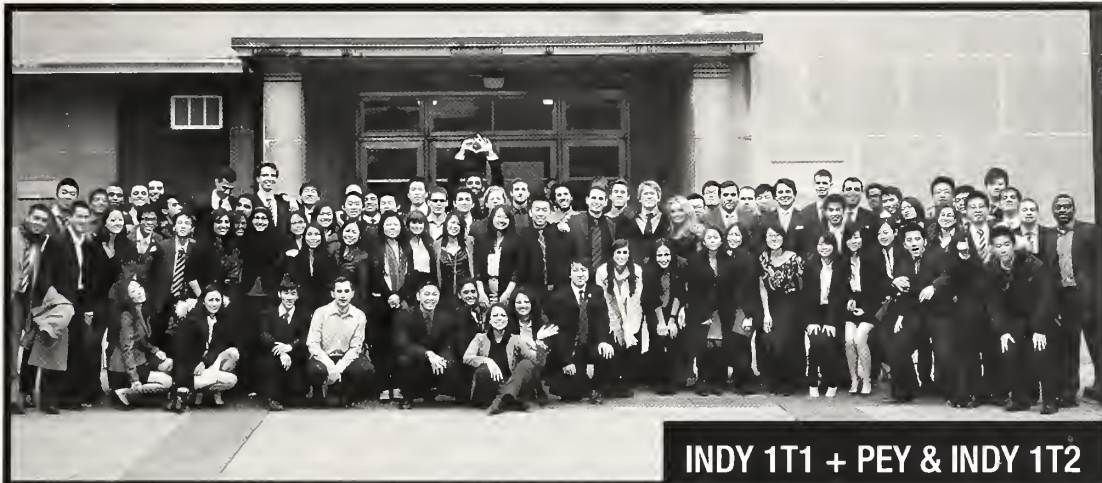
*Third Year Rep* Alberto Picard-Ami  
*PEY Rep* Nefeli Kotopoulos  
*Fourth Year Rep* Amy Chong



# INDY CLASS PHOTOS

SB1T2

indy Class Photos • 37



INDY 1T1 + PEY & INDY 1T2



INDY 1T4



INDY 1T3



INDY 1T2 + PEY



INDY 1T5



# MATERIALS SCIENCE & ENGINEERING

Materials Science & Engineering



## Message from MSE Department Chair

*[Jun Nogami]*

On behalf of the Department of Materials Science & Engineering, please accept my sincere congratulations to you, the MSE class of 1T1+PEY and 1T2, on the successful completion of your undergraduate studies. You should be proud that you have graduated from one of the leading MSE departments in North America. Your education in materials science and engineering will provide a solid background for you to help create innovative solutions that address today's and tomorrow's global challenges. Equally important, I hope that the experiences that you had and the friendships you have made during your undergraduate years will remain with you throughout your professional and personal lives.

Please stay in touch, let us know how you are doing, and share your stories of success with us.

We hope you will continue your legacy and dedication to excellence that your degree represents, as we look to you to serve as ambassadors for MSE, the Faculty of Applied Science and Engineering, and the University of Toronto.

Congratulations to you again, MSE class of 1T1+PEY and 1T2, and I wish you all the best for the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Jun Nogami", with a long horizontal flourish extending to the right.

Jun Nogami, PhD, FAAAS, PEng.

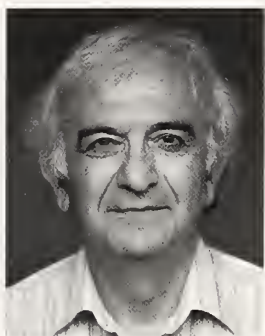
Professor & Chair

Department of Materials Science & Engineering

University of Toronto



# MSE PROFESSORS



Stavros Argyropoulos



Mansoor Barati



Thomas Coyle



Uwe Erb



Glenn Hibbard



Nazir Kherani



Keryn Lian



Zheng-Hong Lu



Hani Naguib



Jun Nogami



Thomas North



Doug Perovic



Harry Ruda



Chandra Singh



Eli Sone



Steven Thorpe



Torstein Utigard



Zhirui Wang



# MSE CLUB



## Materials Science & Engineering

Materials Science and Engineering students are a very small, but awesome and tight knit community tucked away in the most awesome corner of Wallberg Memorial Building. Although there are only about 200 undergraduate students, they are all awesome and thus contain a very high specific awesomeness (awesomeness / #of students) when compared to other disciplines. Although not seen around the pit too often, these awesome people can be found lounging in their awesome MSE common room playing foosball and ping pong or in the computer lab frantically typing awesome data into awesome excel sheets. Nonetheless, MSE is an awesome discipline filled with awesome students. Steel.

### Message from MSE Club Chair

*[Ronald Victorino, MSE 1T1 + PEY]*

A lot of students talk about Skule spirit is at an all-time low. But the thing is, I believe the exact opposite. One of the most profound things I always found about engineering is how much community here means to people. A lack of Skule spirit usually just meant that students needed someone to push people to get together. You know, like that one really annoying friend who keeps asking you to go out regardless of how many times you say no. However, with enough persistence, they usually get their way.

That was the one goal we at MSE Club had this year: to be that friend. Looking back, it astonishes me how much we were able to accomplish. It's been an amazing year. Thank you MSE Club for being the awesome group you are. Without you guys, none of this year would have been possible. And last but not least, thank you MSE students for allowing me to be your chair. It was an honour and a privilege.

### MSE Club Executives

*Chair* Ronald Victorino  
*Vice-Chair* Jason Sukhrum  
*Communications Director* Jasmine Tam  
*Events Director* Karyl Daulo

*Sports Director* Abrar Mahmud  
*Finance Director* Katherine Le  
*Social Director* Krista Viola  
*First Year Rep* Michael Sabatini

*Second Year Rep* Pratik Engineer  
*Third Year Rep* Shruti Srinivisan  
*Fourth Year Rep* Erin McNeil  
*Member* Andrea Vegh

### Accomplishments

This year MSE Club was able to accomplish a ridiculous amount of things. Some of our social events included the MSE BBQ and Book Exchange, Charity Bake Sale, Secret Santa, Valentine's Day Candygrams, MSE FeO, and a coffee house. Furthermore, MSE was able to build a brand new chariot and came third in the race. We also completely revamped dinner dance by throwing the Bucky Ball this year as an MSE only event and had over 60% of our discipline in attendance! Lastly, we also managed to accomplish a number of academic initiatives this year including establishing an academic task force that provided feedback to the department, worked on mapping out the curriculum, and established an anti-calendar for future students.



# MSE CLASS PHOTOS



MSE 1T1 + PEY



MSE 1T3



MSE 1T4



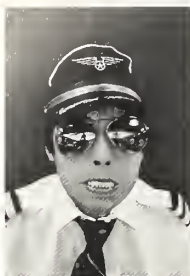
MSE 1T5



# CLASS REPRESENTATIVES



Vanessa DiBattista  
(CIV 4th Year Rep)



Evan Ma  
(CIV 3rd Year Rep)



Matthew Lattavo  
(CIV 2nd Year Rep)



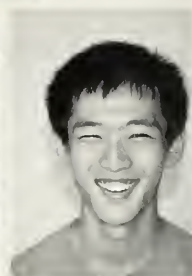
Nicholas Valenton  
(CIV 1st Year Rep)



Yerusha Nuh  
(COMP 2nd Year Rep)



Julian Romagino  
(ELEC 1st Year Rep)



Victor Zhang  
(ELEC 2nd Year Rep)



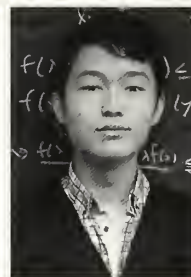
Wilson Poon  
(EngSci 4th Year Rep)



Stuti Rungee  
(EngSci 3rd Year Rep)



Neell Young  
(EngSci 2nd Year Rep)



Brian To  
(EngSci 1st Year Rep)



Brandon Li  
(EngSci 1st Year Rep)



Amy Chong  
(INDY 4th Year Rep)



Alberto Picard-Ami  
(INDY 3rd Year Rep)



Lea Janossy  
(INDY 2nd Year Rep)



Judy Zhu  
(INDY 1st Year Rep)



Trevor Burton  
(MECH 3rd Year Rep)



Raymond Luu  
(MECH 2nd Year Rep)



Steve Lu  
(MECH 1st Year Rep)



Sabrina Miguel  
(MIN 4th Year Rep)



Sebastien Balda  
(MIN 3rd Year Rep)



Ivan Zdravkovic  
(MIN 2nd Year Rep)



Erin McNeil  
(MSE 4th Year Rep)



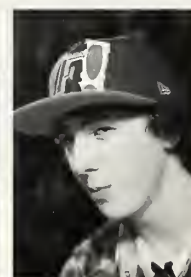
Shruti Srinivasan  
(MSE 3rd Year Rep)



Pratik Engineer  
(MSE 2nd Year Rep)



Michael Sabatini  
(MSE 1st Year Rep)



Evan Boyce  
(TrackOne Rep)



Kimberly Shen  
(First Year Chair)



Left to right: Laura Burget (CHEM 1st Year Rep), Meraj Shah (CHEM 4th Year Rep), Anika Mohammed (CHEM PEY Rep), Neha Mithia (CHEM 3rd Year Rep), Ishan Gupta (CHEM 2nd Year Rep)



# ENGINEERING SOCIETY



The Engineering Society is a student run government for all full-time and part-time students in the Faculty of Applied Science and Engineering at the University of Toronto. EngSoc provides over 80 affiliated clubs, intramural athletics, countless student groups, initiatives, and projects for the students within the faculty. Even though EngSoc was established in 1885, the traditions are still proudly continued and practiced by each member in Canada's oldest and largest Engineering school. The following are EngSoc executives and council members who work around the clock to prolong the longevity of the society.

# PRESIDENT

[David Cheung, CIV 1T1 + PEY]



## Message from the President

With the end of a Presidential term also comes the end of my engineering undergraduate career and a great enlightening experience overall.

Lessons learned:

1. An engineering education doesn't teach you how to design; it teaches you how to problem-solve, analyze and most importantly how to learn
2. There are engineering graduates that are lawyers, investment bankers, business consultants, even doctors; don't limit yourself because of your degree
3. A brilliant engineer can accomplish a lot alone; but imagine what can be accomplished if they had the ability to lead and teach

4. You learn best when you are out of your comfort zone; you will end up making mistakes, but that's where you can learn the most

The year saw changes and challenges from the new additions to the executive team to the new board of directors and achievements and accomplishments from the record election turnout to the great presence at Faculty Council. The Engineering Society is in a unique position to greatly improve the experience for students, but this cannot be done without the commitment of a number of selfless volunteers. It is this culture of bringing out people who are ready to devote their time and even grades for the betterment of the Skule community that makes me proud to be a part of this organization.

Officers, there were rough times and hard battles we had to fight, but in the end, we leave knowing that we played our role in making Skule a better place for future students. It was great working with all of you and you've taught me a great deal.

Rhonda, your enthusiasm and caring carried throughout the year and greatly support us. I am glad and proud to have you as our business manager and know you will continue to carry our dedication and ideals forth along with the new team.

There is much to be improved, but I still believe the people from students to professors and staff really make this Faculty the great place that is it.



*[Jonathan Ng, ECE 1T3]*

Fellow Skule™ soon-to-be engineers,

Once again we find ourselves at the close of the year. And what a year.

For EngSoc, it has been a great year financially. Orientation and You're Next both ran incredibly well and have set the bar high for the years to come. Our commercial operations have been running strongly as usual, with the Hard Hat Café entering its second year of profitability, Stores running solid online textbook sales and expanding its product lines, and Suds hosting yet another successful Graffiti event and running more events than ever. Taking a step into the higher level of financial activity around EngSoc, the Skule Endowment Fund is now operational and will soon start to generate a much-needed stream of passive income for use in lieu of the Temporary Special Levy that every student has been paying thus far.

For me, between EngSoc, job interviews, and friends, I even managed to go to class a few hours a week. It was tough, but it's almost over. Join me in welcoming the future, the best is yet to come!

Sincerely,  
Jonathan Ng

**VP FINANCE**



*[Maegan Chang, ECE 1T3]*

When you work in an organization like EngSoc, it is rare to say that you do not come away with anything. My time with this organization has been a tough one, facing the ECE curriculum along with the added work and responsibility of being an EngSoc officer. The best advice I've gotten is to stay positive and keep moving forward ("haters gonna hate").

Whenever I finish anything, all I can think of is the mountain that is yet to be tackled. Coming away from this year, what I'd like to say to the officer team is: "Congratulations guys, we made it!" I am proudest of us when we work as a team, and those experiences are the most rewarding for me.

Best of luck to everyone! This year will be hard to forget.

"A small group of thoughtful people could change the world. Indeed, it's the only thing that ever has." -Margaret Mead

**VP COMMUNICATIONS**



*[Gordon Tang, INDY 1T4]*

Another Officer term over already! Entering EngSoc as a first-year, I didn't know what to expect, but looking back, I learned an enormous amount about Skule and how our Society runs. There were all sorts of exciting challenges like setting the direction of the new Board of Directors and working around setbacks such as the server crash! Yet, regardless of the obstacles on your path, there's nothing more important than finding your goals and persevering to achieve them.

This year, I hoped to boost our Community Outreach (SCORE) efforts with an interdisciplinary rivalry called "Skule Kup", but little did I know that it would become a series of fun events bringing the best of each discipline to compete against each other. We shaped the role of the VP External to not only manage our relations with other schools, but also with industry and the general public.

Looking forward, EngSoc has so much potential to improve the student experience for each and every one of us! Yet, EngSoc couldn't operate without all the EngSoc volunteers, staff, and Faculty help! Thank you all for contributing to the betterment of Skule!

## VP EXTERNAL

*[Owyn Notario, CIV 1T1 + PEY]*

The one thing that I think truly differentiates Skule from any other college, university, or engineering community is the people that you meet here. And I would be hard-pressed to find another community with people that possess such vast skill sets, passion, and drive to succeed. With exposure to 80+ club leaders, and managing the 3 largest social events at Skule, my time served as the Vice-President Student Life gave me the opportunity to see this on a scale that I hadn't seen before.

Certainly, I was faced with an almost insurmountable mountain of challenges, but it was this opportunity to meet, collaborate and even disagree with some of these people that make it all worthwhile. Going into the role, it was all about pushing the boundaries and challenging ourselves to be better.

Some of the things I am particularly proud of introducing to the VP Student Life portfolio this year include:

- Enhancing the Cannonball programme
- Improving Club funding processes
- Exploring joint sponsorshi
- Initiating the "Spring Reunion: Alumni Clubs Fair"
- Strengthening ties with the EAA (Alumni) and ESRRO (Outreach) Offices

To my team, congratulations.



## VP STUDENT LIFE



# BOARD OF DIRECTORS



## Board of Directors

The 21 member Board of Directors of the Engineering Society, directly elected by the membership to oversee the affairs of the Society. The Board is ultimately responsible and liable for all actions of the Engineering Society. The Board is advised by several committees of the Engineering Society. Prior to April 2011, the role of the Board was filled by Council.

## Members of the Board

*President* David Cheung  
*Vice-President Finance* Jonathan Ng  
*Vice-President Communications* Maegan Chang  
*Vice-President External* Gordon Tang  
*Vice-President Student Life* Owyn Notario  
*At-Large Representative* Amanda Bell  
*At-Large Representative* Rafal Dittwald  
*At-Large Representative* Huda Idrees  
*At-Large Representative* Teresa Nguyen  
*Chemical Representative* Nicole Taveres  
*Civil Representative* Mauricio Curbelo  
*Computer Representative* Shane Blackie

*Electrical Representative* Misha Stecyk  
*Engineering Science Representative* Ryan Bradley  
*Industrial Representative* Wayne Lin  
*Materials Science Representative* Gabriel Stavros  
*Mechanical Representative* Abhishek Mathur  
*Mineral Representative* Sebastien Balda  
*First Year Representative* Shane Hu  
*First Year Representative* Michael Taguam  
*First Year Representative* Jenny Yao  
*Speaker* Rishi Maharaj  
*Executive Secretary* Pierre Harfouche



*[Nicole Cyhelka, CHEM 1T3]*

When I started out as Archivist, I was convinced that the role gave one the license to dig through SkuleTM history, and discover the answers to questions they've pondered since their first Frosh Week. I soon learned that the right to a journey through history belonged not only to me, but to every student and alumnus of SkuleTM. I found every opportunity to culture SkuleTM Spirit, starting of course, with the leedurs and Frosh through the Ye Olde SkuleTM Story book. January saw the release of the SkuleTM Calendar. I am in the process of re-vamping Skulepedia and populating it with digitized versions of Toike Oikes since the 1920s.

## ARCHIVIST



*[Rafal Dittwald, EngSci 1T1 +PEY]*

My time at Skule and EngSoc is (finally?) done. I had a chance to experience EngSoc from many points of view: student, club leader, webmaster, sysadmin, CRO and Director of the Board, and, it seems that things are moving in a positive direction. Hopefully, it will stay that way. The online voting system I set up is going strong, with over 75,000 votes cast in the last 3 years. This year's Officer elections had the best turnout on record (37%), largely due to more relaxed rules and a strong set of candidates. Smell ya later, Skule.

## CHIEF RETURNING OFFICER



*[Nancy Ho, MECH 1T4]*

Have you SCOREd today? If not, then I am here to help as the 2011-2012 Skule Community Outreach (SCORE) Director! As the SCORE Director, my duty is to plan, organize, and execute fun and exciting charity events that would encourage the engineering student body to give back to the community. I started off the year by hosting two charity BBQ's, one of which was a Krispy Kreme Burger BBQ, and from that raised over \$900. Another successful event was CANstruction where a team was assembled and competed with other universities in sculpting structures out of canned goods, our theme this year was Angry Birds. Our structure incorporated 1500 cans and received faculty media coverage. There are many more events run by SCORE throughout the year and you can always approach the Director for suggestions at [community@skule.ca](mailto:community@skule.ca). SCORE ALL DAY, EVERYDAY!!

## COMMUNITY OUTREACH





*[Rishi Maharaj, EngSci 1T2 + PEY]*

2011-2012 was a modestly successful year for Skule web services. Several major milestones were reached this year, including finally removing (most) of the mouse droppings from the server closet, suddenly losing over 900 GB of data due to hardware failures and the first webmaster resignation since the position was created. Oh, and the launch of a redesigned skule.ca. It was, of course, tons of fun for me to be at the helm of EngSoc's house of cards of hardware and software, and I wish next year's victim all the best.

## SYSTEM ADMINISTRATOR

*[Terrence Lau, MECH 1T4]*

Hi-Skule is packed with events from the beginning of the year to the end.

The year starts off with Post Offer/Prefrosh where prospective first years get a sense of what Skule is all about. The students see that Skule is more than just academics, but about spirit as well.

We then organize the University of Toronto High School Design Competition. High school students are introduced to the engineering environment of designing, communicating and working as a team to present a solution to the problem provided.

Finally the year ends off with a fun event called Deisgnapalooza where elementary and middle school kids come to campus to enjoy fun, interactive, and exciting activities.

I want to personally thank my executive team for making this year an unforgettable experience. Monika, Praneet, Ahil, Joany, Maya, Natalie, Kenny, Tony, and Karan; you are all amazing.



## HI-SKULE LIASON

*[Layan Kutob, INDY 1T2 + PEY]*

One day, six challenges, 260 participants, 35 judges, 30 volunteers, novel ideas, creative solutions, innovative designs, outstanding presentations, heated debates all happening in one event on Jan 21st, 2012; in the University of Toronto Engineering Kompetitions (UTEK). Running UTEK this year was an exceptionally exciting and rewarding experience that will never be forgotten. It was a great opportunity for engineering students to network with professionals and to showcase their teamwork, communication and problem solving skills to qualify for a position to represent UofT at the Ontario Engineering Competition (OEC).

UTEK has expanded tremendously this year and has initiated the UTEK Handbook project that promoted UTEK and provided participants with tips and guidelines on how to succeed and win competitions. UTEK's design challenges this year included designing autonomous recyclable sorters, rescue robots and earthquake disaster relief solutions. Innovative design competitors brought projects such as handheld computer designs, the Engineering Communication competitors presented topics such as green solutions and the Debate competitors debated had heated debates over engineering topics.

Thank you to all the students who participated in UTEK'12! I hope it was a fun and learning experience. Special thanks to all the volunteers and judges who've dedicated their time to make UTEK a success. Most importantly, I would like to take this opportunity to thank my executive team who's worked hard over the past months to make UTEK such a success. Wish you all the best and hope to see you at UTEK'13!



## UTEK DIRECTOR



*[Nicole D'Mello, CIV 1T4]*

From the delicious food to the amazing venue and music, Cannonball was indeed a great way to end Godiva Week! I would like to take this opportunity to thank everyone who came out to the event as well as those who helped out thus making Cannonball a huge success. In a very special way, I would like to thank Owyn Notario for all his support and assistance in planning the event, and our amazing MC's, Chunkei Tang and Terrence Lau, who blew everyone away with their stand-up comedy, song, and dancing! Also, this event would not have been possible if it weren't for the faculty members who attended and appearances made by the LGMB, Skule Jazz Combo, and the Mighty Skule Cannon. Planning this event was indeed a very enriching experience for me and I'd like to thank everyone for their love and support! I hope to see you at Cannonball 1T3!

## CANNONBALL CHAIR

*[Kelly Bryck, CHEM 1T1 + PEY]*

2012 – The end is coming – What will I remember? For one, I will remember why I wanted to organize the best Gradball ever. Over the past five years I've spent at here at Skule, I've gained so many memories and friends. I couldn't resist wanting to help all of my classmates celebrate the amazing experiences they've had here as well. I want to thank my partner in crime Owyn, and everyone else who helped along the way. We had great attendance, got bitchin' swag, found new and exciting ways to celebrate all these amazing moments we've shared, and threw one hell of a party! Cheers to that :D



## GRADBALL CHAIR

*[Alberto Picard-Ami, INDY 1T3]*

Saludos!

Just wanted to share past year's learnings:

1. Build Sustainable Partnerships: EngSoc is now partners with Subway® and California Burritos®! What does that mean => More FOOD opportunity for our EngSoc Clubs and Events. Did y'a hear? Subway® is now in the Toike Oike and the Hard Hat Café!
2. Rhonda Knows Best: She does. Trust her. Seek her wisdom. Follow it.
3. Seek "bottom line" opportunity: Clubs spend \$\$\$ on food => GET CHEAPER FOOD. Clubs buy T-Shirts => GET CHEAPER T-Shirts. Look at budgets and cut the stuff that doesn't make sense. Simple.
4. Appreciate Support: I'd like to thank Rhonda, CU's Sophie and Graham and all the EngSoc Officers, for the incredible support and advice throughout the year. Special thanks a mis hermanos Owyn Notario y Kazem Kutob!!



## SPONSORSHIP DIRECTOR

*[Yi-Wei Ang, INDY 1T2 +PEY]*

The You're Next Career Fair Director is responsible for running the annual Engineering & IT career fair. This year, we managed to serve more than 1,700 undergraduate students by bring in 45 companies across all engineering disciplines. Companies like Microsoft, Deloitte, Cisco, Amazon, Accenture, and Nvidia were at the fair. This year's success was brought in large part by the great team we had this year - a big thank you to: Raphael, Layan, Guillaume, Faizan, Tim, Yerusha, and John! We are looking forward to our expansion to be come a larger Career Network to serve more students in the coming years.



## CAREER FAIR DIRECTOR





[Sonia Liscio, CHEM 1T3  
Victor Zhang, ECE 1T4]

Engineering Stores has grown as central place for all your engineering needs, such as leather jackets, coveralls, textbooks, and more. Throughout this past year, Engineering Stores has sold more patches from all disciplines, more coveralls, and the most leather jackets than in the past. Hopefully, Stores can expand to be the one-stop shop for all engineering students for school supplies, SKULE memorabilia, club merchandise, and of course SKULE SWAG!! Victor Zhang, Finance Manager, and Sonia Liscio, Operations Manager, have found a new home at Stores and wish it all the best success for the future. Thank you to our staff, Pat, Matko, Diana, Alice, Raymond, Zoya and especially our website developer Hossein and marketing strategist Yerusha for all their hard work and dedication. Thank you to Rhonda and all the EngSoc Executives for all their help and support. The success of Stores for 1T1-1T2 is due to all those involved.

## STORES MANAGERS

[Kazem Kutob, INDY 1T3  
Vincent Tse, INDY 1T3]

The legacy continues - the Hard Hat Café lives on. This year, we, Kazem Kutob (Finance Manager) and Vincent Tse (Operations Manager), have continued the tradition of bringing the food students want at prices they can afford - and expanded on that. Being Industrial Engineering students, we:

1. Understand the need to have a human centred approach to our business, and that's exactly what we did - we listened to the students' needs.
2. Know how to improve processes and enhance businesses and that's what we did.

We now accept Flex dollars, switched to Halal pizza, started selling Subway sandwiches, installed a completely new freezer just for frozen dinners, introduced Van Houtte coffee, and most importantly, we introduced the daily deals that save you crazy \$\$\$.

Further, we initiated the Hard Hat Café catering program, which targets clubs and solves one of their biggest issues - food. This brings them a complete service and a diverse menu at a very competitively discounted price.

We couldn't have done this without our amazing executive team and employees. Success for us is when we receive the feedback from the Skule Census and finally, it tells us that you are happy, and that our coffee doesn't suck!



## HARD HAT CAFÉ MANAGERS

[Ryan Mintz, ECE 1T4  
Nikola Radovanović, MECH 1T4]

Ladies and gentlemen, SUDS is now open. Drinking is yes.

Turning study space into party space every Friday, SUDS is a service to all students of SkuleTM. It provides a very local spot for our community to unwind together, taking their minds off the stresses and strains of academic life.

Our vision at SUDS is to strengthen the amity and unity within our SkuleTM community. In just a few short years, SUDS attendance has not only grown dramatically, but also changed sharply in mindset, and we have responded. This year, the SUDS team has worked continuously to produce a unique event each week for our students to enjoy. From Club SUDS to Fiesta SUDS to Karaoke SUDS to Halloween SUDS to Graffiti SUDS and beyond, there is always something new to experience at SUDS, so keep your Friday nights open!

Announcing "Not last call",

Ryan Mintz & Nikola Radovanovic  
Managers 1T1-1T2



## SUDS MANAGERS



*[Betari Prakoso, INDY 1T4]*

The Cannon has been a great learning experience this year and I want to give a big thank you to everyone who has helped me with this position. The term started with a bang by publishing the Skule Census result along with a front page article about it and the latest election issue received a positive feedback from the readers. There are still a lot of changes to come and improvements to make once we move online next year and I hope The Cannon will live on as Skule's news source. Best of luck to the future Editor of The Cannon!

## THE CANNON EDITOR

Running the Toike Oike has been both the most exhausting and most rewarding experience I've ever had at Skule. In a world where everyone takes themselves way too god damn seriously, the Toike has always been there to remind me why I'm a part of Skule: to have fun. Hopefully I've been able to impart the same message to readers and writers alike. A massive shout out to the entire Toike staff for making this the best year yet, you guys are awesome and none of this could ever have happened without you.

*[Andrew Jerabek, MECH 1T3]*



## TOIKEOIKE EDITOR

*[Chunkei Tang, CHEM 1T4]*

A (not so) long time ago in a galaxy (not so) far, far away... Chunkei Tang decided to make Star Wars the theme for the 1T5 F!rosh Handbook. Although not as exciting as lightsaber duelling or Force lighting, the Handbook was a pretty fun publication to make in less than three months time. The standard for the publication this year was definitely set very high thanks to the success of the one from the previous year, but I think my team and I pulled it off and made something everyone enjoyed. Thankfully, we didn't get sued by George Lucas for intellectual property theft! The Handbook has absolutely no money in its budget for a lawsuit.

I would like to thank the talented team of writers and graphic artists who handed in everything on time, as well as the members of the Faculty and affiliated clubs for writing articles. Most importantly, I'd like to thank my co-editors, Scott, Anjelica, Candice and Catherine for taking time out of their summer vacations to help me put everything together! I would've been a wreck this summer if it weren't for each and everyone of your contributions.

May the F!rosh be with you,

## F!ROSH HANDBOOK EDITOR





# F!ROSH WEEK 1T1



F!rosh Week is a lot more than a typical orientation week. Where else could you dye yourself purple, wear a hard hat and walk around with more than 1000 engineers? Where else could have you have a water fight at Nathan Phillips Square? Here is a snapshot of what happened during F!rosh 1T1...



# F!ROSH WEEK STAFF

## Orientation Week 1T1 Committee

Orientation Chair Abhishek Mathur  
 Orientation Co-Chair Michelle Chen  
 Orientation Vice-Chair Finance Donnie Yee  
 Orientation Vice-Chair Logistics Christine Robson

Campus Tours Shruti Srinivasan  
 Charity Buskerfest Meera Chandrabalan  
 Clubs Day Owyn Notario  
 Commuter Program Alessandro Zavatti  
 Discipline Club Activities Akid Afzar  
 Downtown Walkaround Yi Qun Zhu  
 Dye Station Daniel Jacobs & Sandra Sousa  
 F!rosh Olympics Andy Chen  
 F!rosh Test & Fake F!rosh Rishi Maharaj & Ryan Bradley  
 Food & Beverages Marko Spudic  
 Hart House Farm Hollis Milroy  
 Havenger Scunt Wayne Lin  
 Leadership Development Albert Huynh & Natalie Petra  
 Matriculation Brienne Kung Ting  
 Photography Yannick How Wong  
 Signs & Design Yerusha Nuh  
 Skule Patrol Alex Yee & Raphael Soldi



## Head F!rosh Leaders

- α Layan Kutob & Terrance Lau
- β Jocelyne Chan & Michael Stranges
- γ Mehraz Khan & Ron Victorino
- Δ Albert Huynh & Nancy Ho
- Κ Celine Ko & Ishan Gupta
- λ Felix Pang & Trevor Burton
- μ Ajar Kochar & Nicole Tavares
- Ν Alberto Picard-Ami & Moinul Delwar
- Ο Matthew Wu & Michael Manning
- π Andrew Vu & Bo Zhang
- Σ Chunkei Tang & Kelly Bryck
- τ Wacy Su & Zachary Fejes
- Φ Huda Idrees & Nikola Radmanovik
- ψ Bridget Mills & Rachelle McCann
- Ω Amanda Bell & Kunal Taneja





F!rosh Week Staff

## Orientation Chair's Message

F!rosh Week 1T1 was an event that still raises goose bumps when I think about it – it's a time where the University of Toronto Engineering community came together and welcomed the incoming class of 1T5 to our beloved SkuleTM. It was by far the best and the craziest time of the year for not just me, for all students. It's the time of the year where I saw everyone work together to form the largest and the most successful F!rosh Week seen.

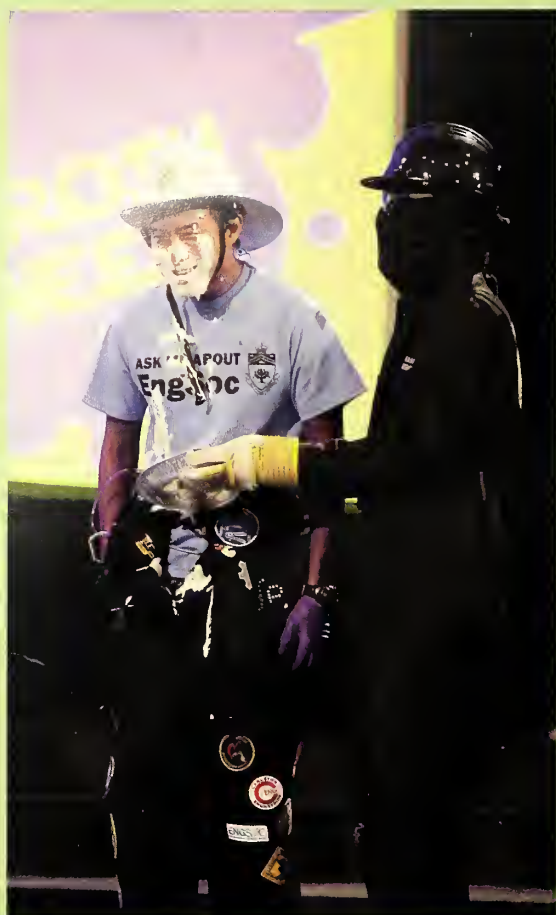
A tremendous effort was put in by all leedurs to ensure that the class of 1T5 was having as much fun as possible. All leedurs, for the very first time, came together and put their F!rosh before anything else – it was evident. I'd like to thank all Head Leedurs for sharing this belief, being absolutely phenomenal head leedurs, tolerating me at the HL debriefs, and for building a community amongst each other to help one another! Next, thanks to all Sub-Committee Chairs for making the events memorable, and the logistics a lot easier for us to deal with.

Special thanks goes out to my Vice Chair Finance, Donnie Yee for not losing money for the first time in F!rosh Week history, and dealing with my bitchiness – to the Vice Chair Logistics, Christine Robson for taking care of EVERYTHING and acting like it's no big deal – and to my Co-Chair, Michelle Chen for ensuring everything was completed and moving forward well!!O

Lastly, a message to the 1T5s: you guys have been, by far the best bunch of F!rosh I've seen till date. You may think I'm saying this for the heck of it, but trust me: the level of excitement, enthusiasm, creativity and initiative that I have seen from you guys has been unmatched so far – it's November right now, and I'm STILL dealing with F!rosh Week stuff! If YOU had a great time this year, I would like to see you come out next year, and make F!rosh Week even BETTER for the 1T6s.

Abhishek Mathur  
F!rosh Week 1T1 Chair





The frosh make their first pledge towards engineeringdom.



# MATRICULATION





# MATRICULATION

Date: Monday, Sept. 5, 2011

Time: 9:19 AM

Location: Convocation Hall

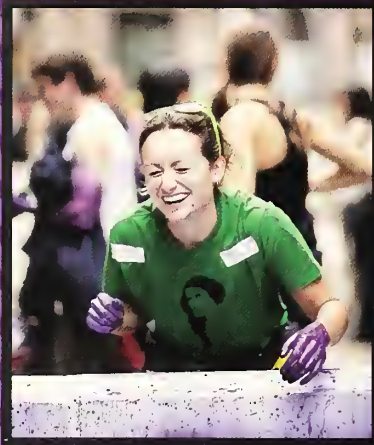
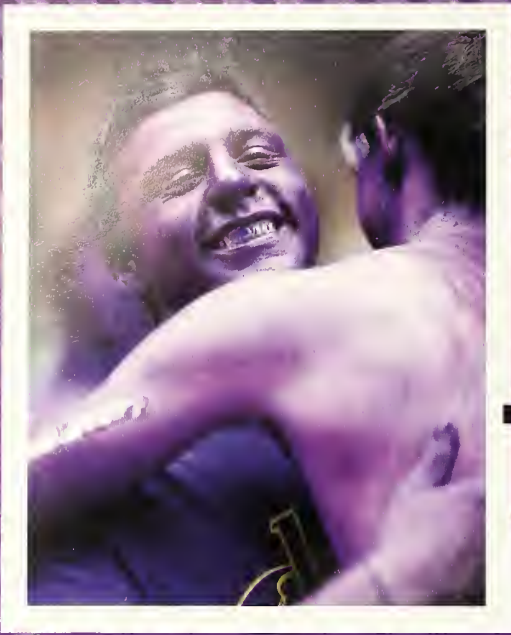
After picking up your frosh kit, you head into Convocation Hall with your frosh group for your first formal introduction to life at Skule™. The air is filled with shouts, group chants, cheering and excitement! You look around in awe as Conhall is filled with over a thousand other f!roshies all in yellow hardhats. And it's here that you get your first glimpse of what Skule is all about: the Cannon, a little visit from nobody with some pie, the Bnad, pants-dropping, EAA, SkuleNite. At the end, you get to take your first official sacred oath towards engineering with your hardhat! F!rosh Week 1T1 has begun!



Teaching the f!roshies all about honouring, respecting, and protecting the cannon.







Date: Sunday, Sept. 4, 2011  
Time: 4:11 PM  
Location: Mech-Min Alleyway

# LEEDER DYEING





And now for one of the most memorable events of Frosh week! FROSH DYEING! Maybe you were that frosh who dove head first into the hot tub filled with purple dye without any hesitation. Or maybe you were that frosh who needed a liiittle convincing to dye that one arm. However you chose to dye yourself purple, this was the chance for you froshies to show your engineering and Skule pride! That deep royal purple dye is the embodiment of engineering spirit and a badge of honour and respect in memory of all the honourable men and women who have gone before us. Wear that purple with pride, Frosh! Dyeing yourself was the easy part. The hard part comes later: getting the dye out from under those finger nails and recognizing people without their beautiful purple skin.



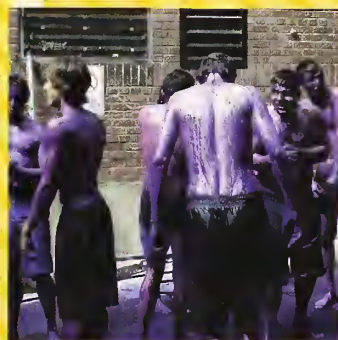
Date: Monday, Sept. 5, 2011.

Time: 1:07 PM

Location: Mech-Min Alleyway



# FROSH DYEING





# F!ROSH PHOTO



**Date:** Monday, Sept. 5, 2011.

**Time:** 2:33 PM

**Location:** Front Campus

Perhaps the most confusing part during F!rosh Week was when F!rosh followed their leedurs and sat in the middle of Front Campus for an hour...Well, the secret is finally revealed! The shape made by F!rosh is both a rocketship and "1-T-5". This year's design was created by Yannick How Wong.







#### Downtown Tour Check List

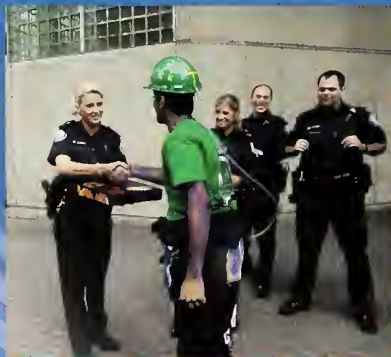
- Hard hat
- Yellow Frosh t-shirt
- Purple dye
- Bnad

Frosh, you are now ready to paint the city purple! Witness the pure epicness that is UofT Skule™ engineering spirit as you and over a thousand purple froshies in hardhats and your leedurs take Toronto by a storm—nay, a hurricane! You march down the streets of downtown Toronto, yell Skule chants, storm the Eaton's Center, hold up traffic by leapfrogging across streets and let the world know, WHO ARE WE? ENGINEERS! I SAID, WHO ARE WE?! ENGINEERS!!!



Frosh storm the Eaton's Center!

# DOWNTOWN TOUR



A special thanks to the police officers who made this downtown walk-around possible!



Purple frosh strut their stuff down the street.







And so the most epic water fight of your life commences ...

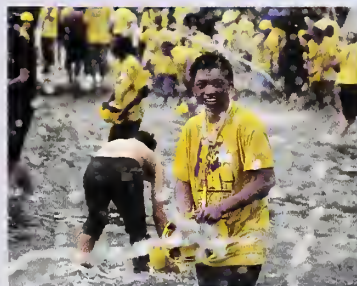


# WATER FIGHT



Date: Monday, Sept. 5, 2011  
Time: 4:57 PM  
Location: Nathan Philips Square

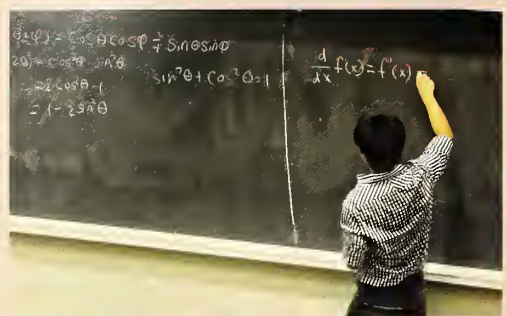
After an action-packed day of raiding downtown Toronto, are you ready for something larger-than-life, young F!rosh? You better be because it's time for the biggest water fight you will ever experience! How often can you say that you had a water fight in Nathan Philips Square? Well, now you can! A few of you may have needed a gentle nudge, but once you're in, all bets are off! You run around the giant fountain, splashing others with water, getting dosed yourself, but everyone walks away a winner and you've already made a lot of new friends on your very first day of F!rosh Week!



Making some big splashes.







# THE TEST

You either spent the previous night studying like crazy for this test or maybe you're coming in late, tired and possibly hung-over from the previous night's Suds and Bnad Wake-up event, waking up unsuspecting Artsies. You can feel stress levels rising as the stern-looking TA hands the test out along the rows. You get your test. What, it's in Chinese?! You frantically flip through the pages, unable to comprehend anything. You give up and start doodling. You look up, only to find your TAs taking shots of alcohol. Things get even weirder as your exam room is graced with the presence of a few unsuspecting guests like the Bnad, nobodies in hardhats that could possibly be blue, people in masks, and a chicken. You then realize that you and all your fellow frosh are the victims of the biggest annual prank on frosh. But you get to laugh about it when your funny answers are published in the Toike the following month.



Date: Tuesday, Sept. 6, 2011

Time: 9:00 AM

Location: Bahen Centre for Information Technology





Date: Tuesday, Sept. 6, 2011  
Time: 6:00 PM  
Location: SF Atrium

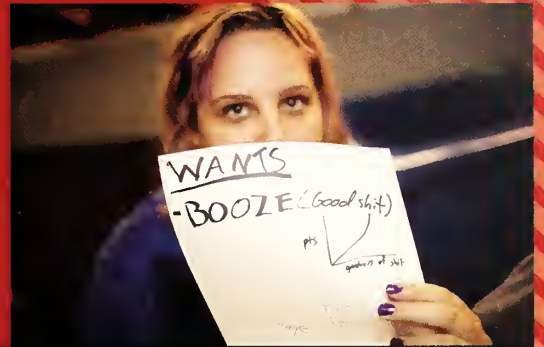


Havenger Scunt

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Want points? Better make the judges happy!



HAVENGER SCUNT



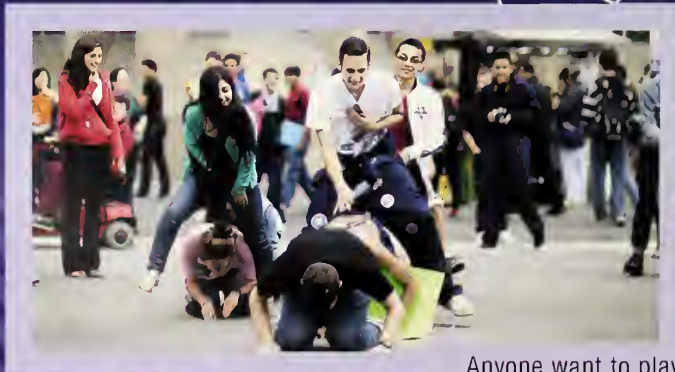
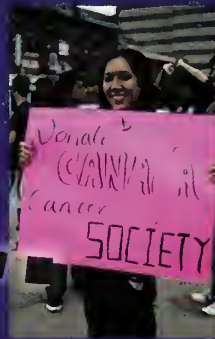


# CHARITY BUSKERFEST



Date: Wednesday, Sept. 7, 2011  
Time: 3:44 PM  
Location: Downtown Toronto

And now it's time to use that engineering creativeness of yours to raise money for charity! Engineers like to give back to the community and this year is no different as you and your frosh group members continue the tradition by thinking of whatever method possible to help get donations for the Canadian Cancer Society. You come up with some attention getting ideas, including a sword duel in the middle of the street, traffic-stopping human pyramids, pants-dropping, body art, and telephone pole taping. You show-off your talents to support a good cause and us engineers proud with your efforts to give back to the community!



Anyone want to play some leapfrog across the intersection?



Date: Tuesday, Sept. 6, 2011

Time: 2:26 PM

Location: Front Campus

Let's make some NOIIISSEE!

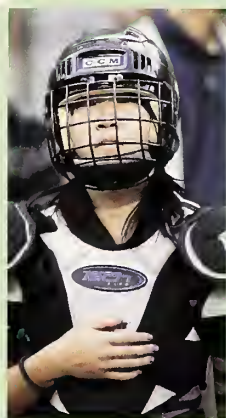
The Frosh learn that working together in a team is what engineering is all about!

Competition is on! Front Campus is filled with a spirited atmosphere and frosh ready for some ACTION! In the F!rosh Olympics, you and your frosh group compete against the other frosh groups in a series of events requiring you to display your strength, agility, endurance, and game spirit! You go through events such as planking forever and chunking Gatorade, wheelbarrow races, the human centipede, racing with sponges and water, and an obstacle race. You and your fellow 1T5s showed everyone what you're made while having some fun in the sun.

# F!ROSH OLYMPICS

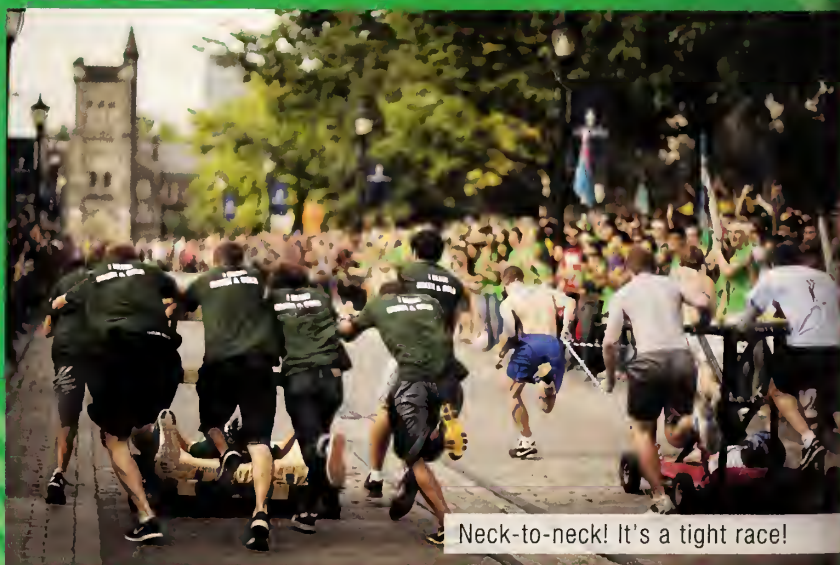
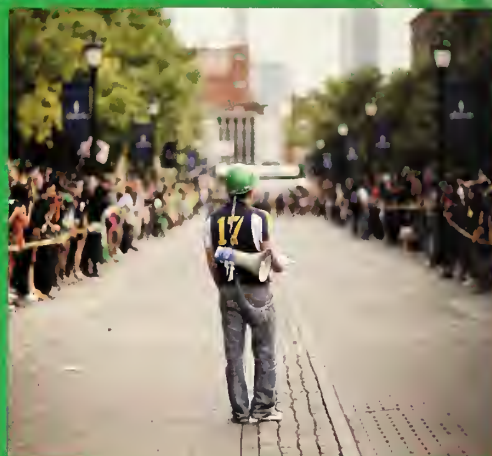


Classes may have started early today, but that mean the first Frosh Week has ended yet! After your first day of university classes, you stop by Front Campus to check out another Frosh Week tradition: Blue & Gold Committee's bed races. Beds race past each other, fighting to be the first past the finish line. You cheer the engineering team on and perhaps throw a few disses at the Arties across the street.



Date: Thursday, Sept. 8, 2011  
Time: 5:13 PM  
Location: Front Campus

It's a fight to the finish line!



Neck-to-neck! It's a tight race!

# BLUE & GOLD BED RACES



# GODIVA WEEK 1T2



Godiva Week 1T2: a string of events so insane, so hilarious, so mind-blowingly epic that it is the only way to feel good about coming back from winter break to face a new semester. The week of festivities honouring the first lady of engineering was organized by the Blue & Gold Committee chaired by Sandra Sousa and Luis Ramirez.





Date: Monday Jan. 9, 2012.

Time: 5:00 PM

Location: SF Atrium

Godiva's Resurrection is the event that officially kicksoff Godiva Week! This event featured Professor Frances sharing some words of wisdom frm the Book of Calculus. A coffin was accompanied by a group of worshippers, ready to embark on a week of races, contests and fun!

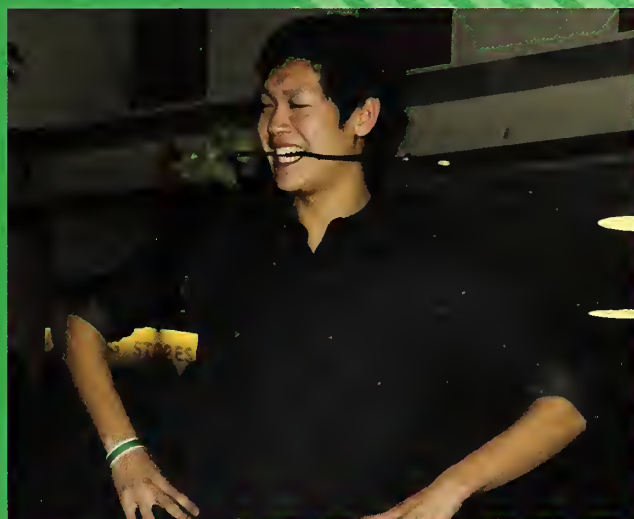


# GODIVA'S RESURRECTION





# CHARITY DATE AUCTION



**Date: Monday Jan. 9, 2012.**

**Time: 6:00 PM**

**Location: SF Atrium**

Why ask your secret crush out, when you can buy a date with them instead? The Charity Date Auction was a great way to get a date while raising money for charity at the same time. Dates included a Swiss Chalet dinner, Gradball and Cannonball tickets, skating, a workout session and so much more! All proceeds went to the Canadian Cancer Society.

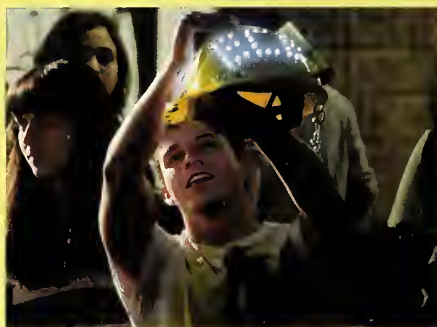


Date: Tuesday Jan. 10, 2012.

Time: 4:00 PM

Location: SF Atrium

The Hard Hat Competition is one of the only competitions that F!rosh can win. Judged by the three finalists of the Hard Hat Competition during Godiva Week 1T1, the F!rosh showcase their creative hard hat designs. The winning hard hats were chosen based on aesthetics, practicality, quality, and pure awesomeness! The winners of this year's hard hat competition won themselves a spot on next year's judging panel!



# HARD HAT COMPETITION



Congratulations to the three winners of the Hard Hat Competition!





Rahul Verma, Ultimate F!rosh 1T2 with the three previous Ultimate F!roshs

# ULTIMATE F!ROSH

**Date:** Tuesday Jan. 10, 2012.

**Time:** 6:00 PM

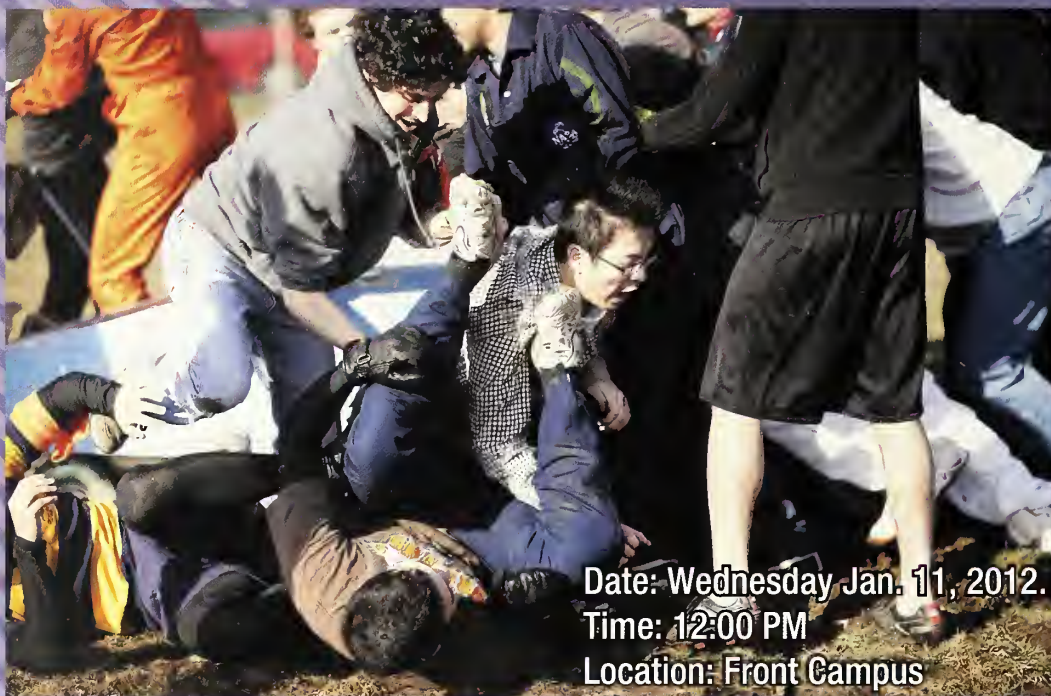
**Location:** SF Atrium

This year's Ultimate F!rosh competition was hosted by last year's Ultimate F!rosh, Nancy Ho accompanied by Alex Alecks. From crawling across the ground of the pit to being creative with play-on-words, F!rosh competed in numerous assessments that tested their strengths and skills. At the end of the night, Rahul Verma was crowned as Ultimate F!rosh 1T2 - jump up and down!



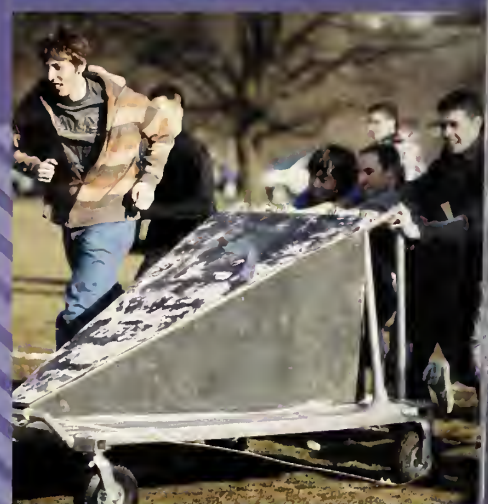


Every year, every discipline (and Flrosh) compete each other in the Grande Olde Chariot Race to the finish line through snow on Front Campus - 10 chariots, 9 disciplines. Due to this year's strange winter weather with no snow, everyone finished the race covered in mud. The event began with the firing of the Skule Cannon and ended with the crowning of the winners...the CIV chariot!



Date: Wednesday Jan. 11, 2012.  
Time: 12:00 PM  
Location: Front Campus

# YE GRANDE OLDE CHARIOT RACE





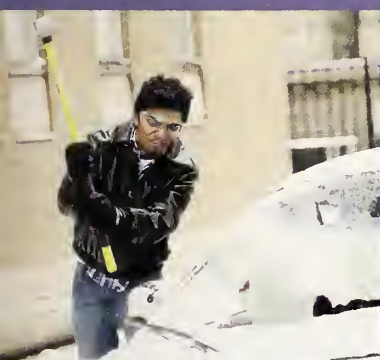


Date: Friday Jan. 13 2012.

Time: 12:00 PM

Location: Outside SF

# CHARITY CAR SMASH





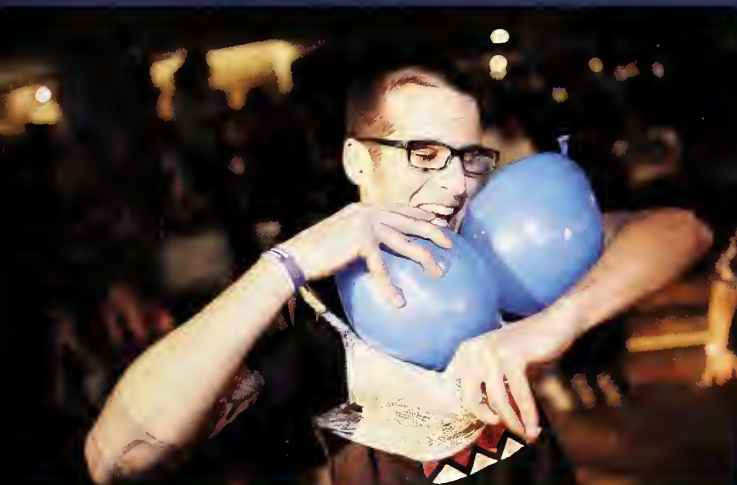


Alessandro Zavatti, Mr. Blue & Gold 1T2 with past Mr. Blue & Golds

# MR. BLUE & GOLD





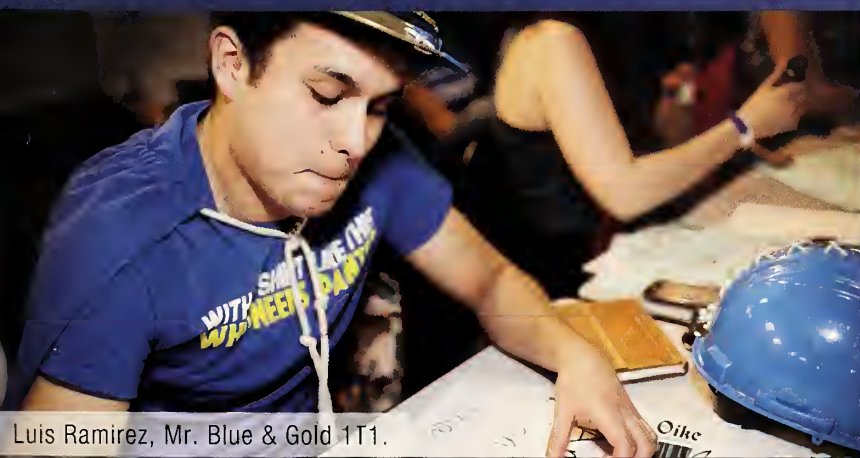


**Date: Wednesday Jan. 11, 2012.**

**Time: 5:00 PM**

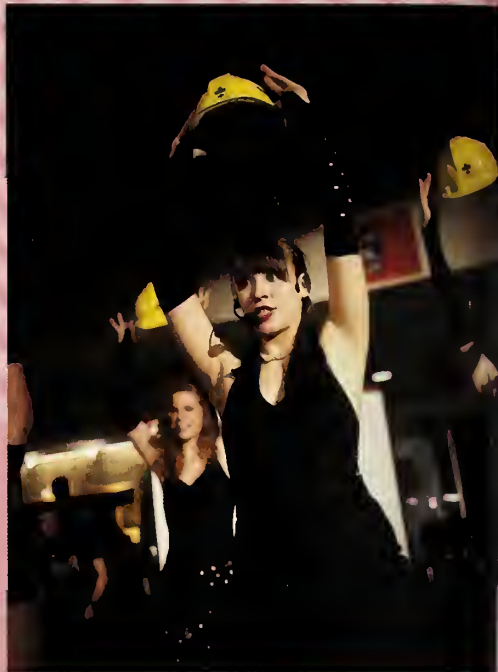
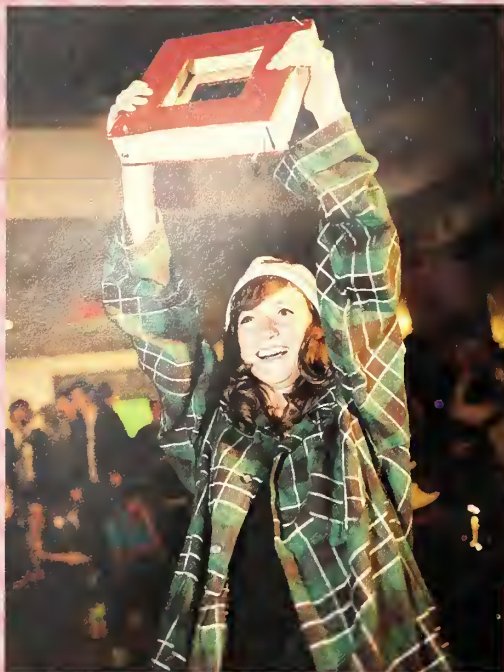
**Location: SF Atrium**

The Mr. Blue & Gold competition challenges the boys and men of Skule™ to reveal their talents by performing skits, sing songs, dance, and act. The barely clothed male contestants perform in front of a panel of female judges. After a rigorous competition, we would like to congratulate **Alessandro Zavatti** as Mr. Blue & Gold 1T2.



Luis Ramirez, Mr. Blue & Gold 1T1.





# GODIVA'S CROWN



The 6 previous Godiva's Crown welcome Lady Godiva 1T2, Lauren Bajin.





Past Mr. Blue & Gold and Godiva's Crown to celebrate the new Mr. Blue & Gold and Godiva's Crown 1T2.

**Date:** Thursday Jan. 12, 2012.

**Time:** 6:00 PM

**Location:** SF Atrium

This year was the year of diamonds. Godiva's Crown, the female counterpart of Mr. Blue & Gold, consisted of several female contestants who danced, sang, played instruments, and showed off their building skills. The very talented female contestants all performed amazingly in front of a panel of all male judges. At the end of the night, the 6 past Godiva's Crowns congratulated **Lauren Bajin** as Lady Godiva 1T2, the queen of diamonds.







# GODIVA'S WAKE



Congratulations Maya Zhang and Adam Fontana, the new BNAD leedurs.



**Date:** Friday Jan. 13, 2012.

**Time:** 5:00 PM

**Location:** SF Atrium

What better way to end Godiva Week with Godiva's Wake! Traditionally, the new BNAD leedurs of the LGMB are chosen during this ceremony. In a final salute, the crowd watches in awe and respect as the BFC lay Lady Godiva's spirit to rest for yet another year.



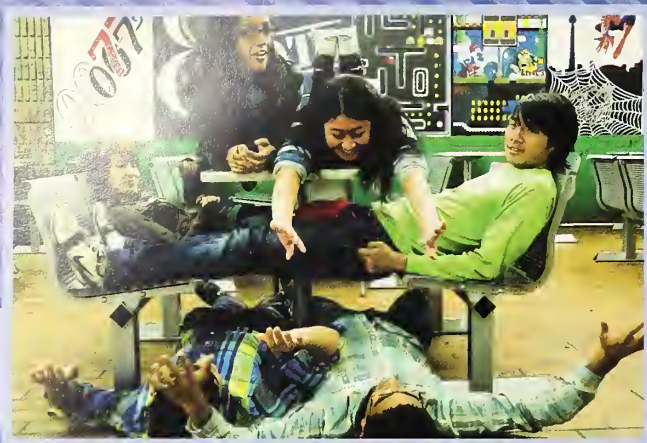
# EVENTS & TRADITIONS



This section provides highlights of some of the events which were hosted by Skule™. These once-a-year events include retreats, parades, Suds events, competitions, and of course Skule™Nite.

Ye Olde Skule™ traditions, on ther other hand, are represented all year round by the Lady Godiva Memorial BNAD, Brute Force Committee and the Chief Attaliator and his hand-picked cannon guards.





# ENG SOC RETREAT

October 20, 2011 - The Atrium

The 'who's who' of EngSoc met on a weekend to bond over an retreat organized by the officers. By engaging in fun activities like the improv comedy 'Catch the Bunny' game and collaborating to simulate machines. The attendees managed to socialize and get to know each other better, to form lasting relationships that were hopefully better than the ones we had with our ESP/Praxis groups.



Somebody catch the flipping 'Bunny'!







# SANTA CLAUS PARADE



## November 20, 2011 - Downtown Toronto

The indomitable BNAD is everywhere!!! The spirit of Yuletide was brought to the streets of Downtown Toronto during Christmas, with the White Noise Brigade's brand of 'music', enthusiasm and downright rascality.







July 3, 2011 - Downtown Toronto



The LGMB and 'Ye Old Mighty Skule Cannon' made us proud this year by winning the 'Special Judges' Award for Shock and Awe' at the 2011 Toronto Pride Parade which they achieved by firing our Skule mascot right into the faces of the judges.

In addition, the Blue and Gold Committee, chaired by Luis Ramirez and Sandra Sousa, overcame insurmountable engineering challenges (using only duct tape and borrowed tools), in order to construct the monument to our patron Saint Lady Godiva. By simulating her nude ride through the streets of Coventry - England, they proved how Engineering accepts and supports everyone, no matter what community they belong to.



# PRIDE PARADE







Partyin' all night long!



This is not moustache bro...it's a Manstache



SB11T2 85



Graffiti Suds



# GRAFFITI SUDS

November 25, 2011 - SF Atrium



Were your Calculus problem sets for November giving you headaches? Did the midterms give you the jitters? Well you should have thrown all those concerns out of the window and headed out to the Pit on 25th of November for the 2nd annual Graffiti Suds! Skule celebrated the Spirit of Movember with a massive 'Tight N Bright Blacklight Graffiti Party' featuring professional blacklights and visual effects, a live DJ and tons of freebies where everyone had fun.





# SKULE KUP



Skule Kup is an interdisciplinary year long competition among the 8 respective disciplines and Flrosh.

The goal of Skule Kup is to build community and friendly rivalry among engineering students at Skule, by pitting disciplines against each other in various competitions and games! Competitions test disciplines in their: team work, spirit, skills, athletics, and more!

In the 1T1 - 1T2 school year, we've held several events, including: The Amazing Race, Kup Ninja and Picture This.







# OEC 2012

February 3 - 5, 2012

The 33rd Ontario Engineering Competition hosted by the University of Toronto brought out more than 230 students from 16 schools in Ontario. OEC challenges students in design, innovation and communication in six competition categories. This year's event focused on issues relevant to urban and suburban areas, both close to home and around the world.

OEC is organized by Andy Chen (MechE 1T3) and a group of 13 undergraduate students. U of T Engineering students had a strong showing, with eight teams competing. By the end of the day, U of T came away third in the Engineering Communication and Innovative Design categories. Lorne Mlotek (CivE 1T3), who competed in the Communication category, also picked up the Social Awareness Award for his "green building" design.





# SKULE NITE

March 14 - 17, 2012 - Hart House



## Director's Message

*[Jonathan Sun, EngSci 1T1 + PEY]*

If you're reading this, that means we did it. We made a Skule Nite, and the universe didn't implode from having this entire team's sheer amount of brilliance in the same room at the same time. To everyone involved with SN1T2, each one of you has played a role in shaping this show. Thank you for believing in me. I am truly humbled by your passion, enthusiasm and dedication. We did it!

Tech brains, I have never truly known how much goes on behind the scenes. How much you give to the show is astounding. I've seen the dark side, and I love it. Peters, you guys are absolute geniuses. When you said "don't worry about it", it meant that I absolutely did not have to. The graphics team of Yerusha, Billy, Jimmy and Wayne - Skule Nite has never ever looked this good. Ryan and the Orchestra, wow. I have no idea how you do it. Honestly. I wish I could just listen to you guys play forever. Amanda, you made the cast sound more amazing than ever. Your creative energy and spirit helped shape the show in so many ways. Fossils, thank you for the overwhelming support you've shown me. I'm honoured and humbled by the thought of being a fossil next year! Kian, Kevin and Mason, all the support and advice you've given me and all the random, stressed calls and texts you've responded to have been completely invaluable to me. Thank you.

Cast, you have no idea how proud I am of you. I've seen you guys grow so much, and I am honestly so amazed by your talent, energy and passion. Always remember to keep that sense of play in everything you do. I'm going to miss being your director.

Ian, the big, dumb, goofy smiles we share whenever we see something cool happen with the show (i.e. all the time) say it all.

The show's finally here! Ah! Wayne, together you and Ian have taken the production quality of the show to new levels. I'll never forget our first talk about doing this show together in that Starbucks down the street. Or before that, in that small room working on the SN1T1 programme. Look at us now. Holy crap. We did it, Wayne. And we did it right.

Mom, Dad and Chris, thank you for all the support, love and understanding you've given me. You truly know how much this means to me, and that's more than I could ever ask for. Thank you.

Elissa. My muse, my sidekick, my partner in crime. You've been there beside me every step of the way, and I couldn't have done it without you. The show couldn't have done it without you. Thank you for all the late nights, for all the working and creating and tweaking and brilliance and support you've given me. You've kept me together all this time. I love you.

To Skule Nite, it is because of you that I am the person I am now. I cannot imagine who I would be if I were not part of this wonderful show and community. You have affected my life in an impossible number of ways, and I have seen how you have done the same for countless others. From all of us, thank you.

And finally you, the audience. Thank you for being here. Everything we've put into this show has been for you. This is the moment where all of our dreams have converged into one single, awesome thing. I hope you enjoy the show. We've been waiting so long for you to see it.



# CREATIVE TEAM



*Director* Jonny Sun



*Producers* Wayne Lin & Ian Parker



*Musical Director* Ryan Alafriz

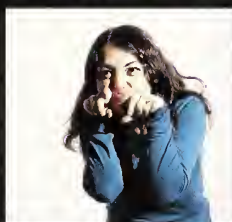
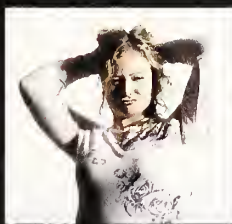


*Vocal Director* Amanda Bell with Peter Raimondo



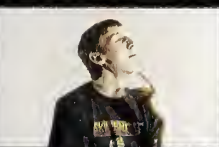
*Choreography Director* Elissa Caccavella with Christopher Sun and Kevin Vidal

# THE CAST



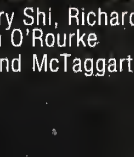
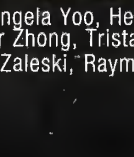
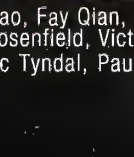
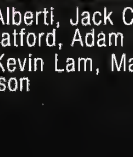
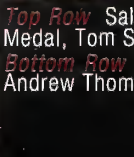
Hasan Alkabeer, Amanda Bell, Iulia Ciobanu, Josephine Cooper, Celine Ko, Michael Manning  
David Nourian, Scott Orr, Carla Pereira, Daniella Ruggiero, Michael Sabet, Sean Sit  
Christopher Sun, Nicole Tavares, Monica Tedman, Scott Whitty, Mahtab Ziaei

# TECHNICAL TEAM



*Technical Director* Peter Goshulak  
*Stage Manager* Peter Wills  
*Floor Manager* Sandra Sousa  
*Master Carpenters* Kevin Vanderwoude with Adam Fontana  
*Props* Felix Pang with Garry Carr  
*Head Painter* Catherine Smith  
*Head Costumer* Christine Robson  
*SFX* Peter Raimondo  
*Sound* Misha Stecyk  
*Lighting* Ian Liness  
*Graphic Design* Yerusha Nuh  
*Photography* Billy Wong with Jimmy Lu  
*Videography* Jad Knayzeh and Kian Marandi

# ORCHESTRA



*Top Row* Sal Alberti, Jack Chao, Fay Qian, Angela Yoo, Henry Shi, Richard Medal, Tom Stratford, Adam Rosenfield, Victor Zhong, Tristan O'Rourke  
*Bottom Row* Kevin Lam, Marc Tyndal, Paul Zaleski, Raymond McTaggart, Andrew Thompson



# SN1T2





# BLUE & GOLD COMMITTEE



Another year, another crop of Blue and Gold events.

First of all, let's talk about GODIVA WEEK! Packed with the usual lineup of ridiculous events, this year we introduced the very new and very awesome Skule Kup event, ninja tournament, Fiesta, Spelling Bee, Slum Party and Skule Art Festival's Big Giant Mess! Professor Frances kicked the week off by reading from our most sacred of texts, and the action just kept coming after that. A bunch of money was raised in the charity date auction, the stores auction and the car smash, and dozens of pizza pockets were consumed in the eating competition. Ye Grande Olde Chariot Race was won by CIV with a surprisingly small number of injuries. Ultimate Frosh was won by Rahul Verma, and the Village Pub Crawl was a karaoke-ing good time. The frosh were calculost before Alessandro calcu-won the title of Mr. Blue & Gold with his salsalicious and bumping dance party. The next day, Lauren won Godiva's crown with her steamy, Broadway-inspired musical number.

Other than Godiva Week, we had an awesome time at our frosh week movie night, Oktoberfest, mystery field trip, slum parties, dinosaur revivals, and homecoming, to name a few. This year's bed races featured the new Sleeper's Cup, which was awarded to St. Mikes (and which we'll be winning back next year, of course). We built our first ever Pride Parade float, the most fabulous horse in the parade. We showed those artscis how it's done and said "Safety First!" in our frosh week float. And finally, as 90's kids, most of us grew up playing nintendo 64, so we rebuilt Princess Peach's castle to relive the glory days for the Homecoming float.

An important thing to note is that we are just two people, and we definitely couldn't have done all of this by ourselves. We don't have the room on this page to list the countless people that put in countless hours of work and got paid countless (i.e. nonexistent) amounts of money to do so. There are probably over a hundred people that volunteered to help us build, paint, run, plan, organize, publicize, improvise and Jazzercise, and we are beyond grateful that they did.

As the Skule year comes to an end, we'll have to pass the torch (and that perma-messy, tool-filled room) onto another pair of co-chairs, and we're hoping that this year's events have excited you enough to want to help out next year. Sign up for the mailing list at [blueandgold.skule.ca](http://blueandgold.skule.ca) to know what's going on.

To close off, we'd like to make a toast. Raise up a tall, cool glass of awesome with us as we say:

Here's to Skule  
Here's to Lady Godiva and her awesome week  
Here's to putting off studying to another time  
And here's to an awesome year with the Blue and Gold Committee

Cheers.  
Sandra Sousa and Luis Ramirez  
Blue and Gold Committee Chairs, 2011-2012





# INTRODUCING...

The **World** Famous, Quintuple **Prize** Winning, Sextuple Record **Setting**, 60 Years **Celebrating**...

T3<sup>rd</sup> **crashing**, football field **dashing**, **alcohol** stashing, **Jumbo**tron flashing, Royal **Royal** York **boasting**, fountain **splashing**, joke **rehashing**, **Oktoberfest** **laughing**, button **mashing**, joke **rehashing**; **bnad** stalking, impostor **bnad** **mocking**, Gradball **shocking**, Con **Hall** **rocking**, Scavenger hunt **jocking**, Chariot Race **clocking**, **United Way** **walking**, **Speakers'** Corner **talking**, **hockey** game **socking**; Pop machine **filling**, **ready** and willing, Crown Royal **swilling**, "Yo' we jus' **chillin'**"; CN Tower **ascending**, peace and quiet **ending**, **CANNON** **defending**, many **pending**; **Coke** machine **wiring**, world take-over **conspiring**, instrument **acquiring**, **tax** **inspiring**, introduction is **tiring**; Seven year old Scotch **decanting**, **ALL NUDE ALL THE TIME!** Vanier Cup **rejectin'**, premium beer **selectin'**, **Godiva** **resurrectin'**, **mascot** **colletin'**, tastes good with **pectin**; Wheel of Fortune **spinning**, stereo **roaring**; **Santa Claus** **gummin'**, Atrium **meeting**, **Smash Bros.** **beating**; **Mad** **integrating**, **Nathan Phillips** **skating**, Aramark **hating**, **tripleX** **rating**; Yonge St. **cruising**, Varsity **BBluesing**, music **blowing**, ear drum **bruising**, **Blue Jay** **whistling**, Iron Ring **perusing**, Hart House Farm **carousing**, **Rum** & **Coke** **oozing**, referee **accusing**, **S&R** **boozing**; **Griffin** **glowing**, John K. Hall **knowing**, chair **throwing**, money **owing**, Stolen **Toike** **stowing**, **SHOULD I KEEP GOING!?!?** **Gamecube** **playing**, Trogdor **slaying**, artsie **laying**, fine **paying**; Police **harassing**, lecture **aborting**, broomball **sporting**, **Flowerpot** **courting**; S-Dance **boating**, **Homecoming** **floating**, proxy **voting**, sticker **coating**; Note **nailing**, scale **scaling**, song **wailing**, movie **delaying**; Football loss **cheering**, spaghetti monster **feeding**, alumni suds **beering**, fire bell **searing**; **PPride** **Pride** **priding**, **white** **abiding**, **trombone** **sliding**, mustache **riding**; Queens **Golden** **showering**, **Sourpuss** **souring**, gin **devouring**, **F!** **deflowering**; **Funeral** **halt**ing, mascot **assaulting**, beverage **malting**, artsie **insulting**; CN **Tower**, Skydome, Eaton **Centre**, Pratt Building, Four Seasons, Innis **Condo**, Scarborough **RT**, **Bahen** Centre for information **Technology**, **Ontario** University Fair, Varsity Stadium, **Skule** **note**, Spadina streetcar and **Sheppard subway** **OPENING**...

**AND SUBWAY CLOSING...**

# LADY GODIVA MEMORIAL BAND!

*Renegade Musical Terrorists, Marching Gregorian Chant Society, and White Noise Brigade!*





Da **Lady Godiva Memorial Bnad** haz hadd un awesumtacular **phuntastic** ekciting yeer! Da yehr stahrtid opfh weith ah hol buhnch opf krashin, dahshin, dranhkin, ex-givyn&reseevyn aht **Gradball**. Affit dat wee insued to sprehd copyhouzz hamhounts hof krashing frhom **lektures 2 S-dunce** 2 cerebrating hund tanking **Baw da Busyness Manahgher**.

Oar behgest suhmer uhvënt wuz da **Pryde Parade**, wer wee osthed ah wirrld fhirst praktaiice bee4hund. Da wehter waz hawt bhut da drumbing hof hour Jr. Bnad Leedurp ahs tempolaly Drum(b) Majur(k) khept hus kool. Phor da phirst tiem uhven da Boo&Guld bhuilt hus a flohat.

Da Flrosh weehet treetud tew ay spektacyewlar ahmount uv da Bnad, ezipeshally wid da introduktin hof ohur bnad pr0mo video v3.oh. Shadly, dis yahear da Trinity whas ohmited fhrum da **Flrosh** Pikturah, leahving da bnad to sphrint hund katch hup wid da dowentowen wulkharhound. Dehn az knitgh approachade Flrosh shohd uhp aynd whe whitnessased da behghist **Bnad WakeUp** uhvënt eva (ohver !100! peeple). Whee kould knot beerieve ah mhob hof dat mannie peeple kould bee sah sthleath, day nevher eard hus cuming. As per usual St. Meyks treyed too stawp uhs buht Ye Olde Mighty Skule Cannon shuwoud dem hoo huz da mowst spehrit ah dis skule.

Ahfta Flrosh weak wee krashed manie mohore uhvents, bhut da moist impressyve hof hall wuz da **Varshitty** Football Gham fillhmed ohn **National TV**! Two hadd inshult two injurie da Varnotsoshitty Blues won! HAhnother, exiting uhvënt wuz da bnads partycypatin in da first eva stull unreelised Uhnivershitty hof Tolonto Kampus wid **LipDu(m)b**. Wii hud ah double bhass drumb, flagswaga swayihng, bhear duncing, t-bone smashing gud tyme.

En Nohvhember wee wer envited bhak too da **Santy Klaus Parade** wher wee plaied ehpn phront oph hundehdes oph thowsends oph people. Nut honly dud da pmo skwud joyn hus batt ahlsd da reel bharrel rholling, jump flypping, cheear teeme.

Wee bashed and krashed into da new year durhin **Godiva Week** wit ah tun oph krazi uhvents. Godiva wuz rezurrectid, da coffin waz explohduid and the bnad waz graysiusly showeerde in filetming debree. Ahn, a Mysterious Beaver wich wus neaver seaan ahgain fawllowd uz hoem from **Kannonbal**. Richard and Gabe wer gehting prehti hold so da bnad randhomly piked sum nooh bnad leedurz to reaplace da ohld and dhusty onez. **Maya Zhang** and **Adam Fontana** wheer welcomed az Babe Bnad Leedur aynd az D(r)umb Mynor aht Godiva's Wake!

Richard and Gabriel's phantastik yeer cayme tew a cloze at Gradbrawl, buht jhust en teyem phur Mauricio, Adam and Maya to keyp da parti Rawkin! Wii whill miss da phun tymes wii hund at Skule. Thankz tew awl da bnad membrurz who mayd da bnad so lowd awl da tyme, aynd fur keeping da spearit ahlive! Wethowt u geyes Skule wuld b ah vehry bohrin nd dulh place.

**Wahhoolze aynd two infynity hund beyonda!**

Lady Godiva Memorial Bnad 1T1-1T2

Bnad Leedur **Richard Medal**

D(r)umb Majer(k) **Gabriel Stavros**

Jr. Bnad Leedur **Mauricio Curbelo**





# BRUTE FORCE COMMITTEE

## MINISTERS OF

AGGREGATED ASSAULT

ARTISTIC DEVILRY

BAAA(H)D INTENTIONS

BRIBERY, ABDUCTIONS & S(h)NEAKY SHENANIGANS

CONTROVERSY & TERROR

CUNNING STUNTS

DELAYED ERUPTIONS

FORMAL ESPIONAGE

HAPPENSTANCE & ANONYMITY

KONSERVATION OF SPIRITS

PROSE & CONS

ROARS, OARS & WARS

RYES OVER RUM

SAX & VIOLENCE

SCREWING & NAILING

SMOKE & MIRROR

STICKS & STONES

SUB-TERRAINIAN INFILTRATION

THUGGING, HUGGING & CHUGGING

TORTURE, LARCENY & CUPCAKES

UNDERACHIEVEMENT & OVEREXPOSURE

UNVEILING SECRETS





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Face

Photo

Clip art

Line drawing

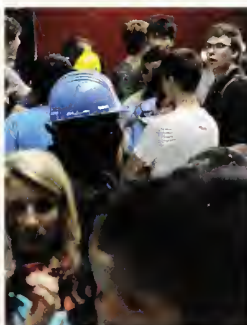
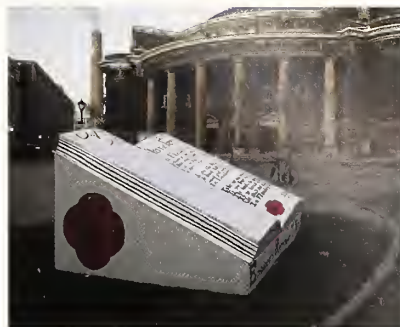
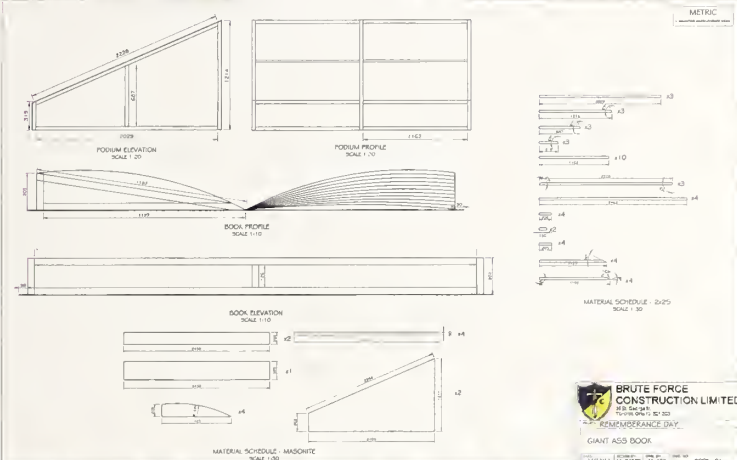
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# Chief Attiliator

[Kyle Tousignant]





# Chief Attiliator's Message

This year has been amazing and I cannot believe how quickly it ended. To serve as the guardian of the Mighty Skule™ Cannon has been both an honour and a privilege, an opportunity to foster growth and change for the better of the Skule™ that we so deeply love.

This year, I have tried to emphasize that both your motive and actions are important in what you do at Skule™. Too often, people become caught up in ideas of grandeur and reward and forget what Skule™ is about. Without a sincere intention for the actions we take, our peers become alienated and our message lost. Impetuous deeds demonize the concept of Skule™ Spirit and, if unchecked, will bring about the demise of these great traditions we hold dear.

Every member of Skule™ possesses the ability to make a difference, the responsibility to protect tradition, and the wisdom to accept change. Whatever the future holds, I hope that the spirit of the Cannon can inspire you, as it has me, to let NOTHING stand in your way. Never stop doing what excites you. Everything else will follow.

I would like to present my sincere appreciation and to commend the Cannon guard for yet another year of vigilance and for upholding our tradition through its 82nd year. Without your dedication, pride, and love for Skule™, my efforts would be futile. Always remember what the Cannon symbolizes: a community bound by the drive to succeed and the will to persevere. Share your pride with every Skule™mate, and continue to embody the virtues of honour and respect.

As a final token of thanks, I would like to recognize all the men and women of Skule™, the LGMB, EngSoc, and the faculty for making this year the experience of a lifetime. To the ladies of Cannonball and the gentlemen of Gradball: don't ever forget the true reason we do all of this!

The Mighty Skule™ Cannon is YOUR mascot. It is the symbol of your strength, the expression of your pride, the embodiment of your labour, and a testament to your indomitable will. Let its earth shattering Kaboom echo in your mind, a bold reminder of your pride as an engineer.

Kyle Tousignant  
Chief Attiliator 1T1-1T2

HONOUR IS.  
RESPECT IS.  
PROTECT IS.









# AFFILIATED CLUBS



Skule™ offers a wide spectrum of clubs that range from building a racing car to promoting global engineering. This section provides an overview of some Skule™ clubs and how they have provided students with a variety of leadership opportunities, personal growth, and a chance to learn new skills.



# A PROMISE TO FUTURE GENERATIONS



## Description

*Estimated Membership:* 15 members

The aim of this initiative is to drive a paradigm shift and encourage students to look beyond "me" and "now" to ensure we are considering the needs of future generations in all of our decisions. We believe in awareness of the challenges future generations face, developing the leadership skills needed to drive change, and fostering a growing community of Promise signatories. Students will have the opportunity to participate in interactive campus events as well as in industry networking sessions.

## Accomplishments

- Since 2009 we have had 170 graduating students, faculty and alumni sign the Promise
- We've hosted events (Resource-based trivia in the form of popular game shows such as Jeopardy, Are you Smarter than a Professor, The Price is Right) where over 50 students have attended
- We've been invited to present at industry events such as GreenBuild and Construct Canada and organizations such as the Ontario Building Envelope Council.
- Last year we created our own website, check us out at PTFG.org!

# APPASSIONATA MUSIC GROUP



## Description

*Estimated Membership:* 15 members

Appassionata is a non-profit, volunteer organization founded by students from the University of Toronto with a passion for music. We give classical music performances in local hospitals, community centers, and senior care homes free of charge, giving patients and residents more opportunities to enjoy live concerts. Since our first concert in 2010, our organization has grown to include students from a wide range of programs, including Engineering, English, Physics, and of course, Music.

## Accomplishments

- Performed monthly, hour-long recitals at Toronto General Hospital
- Performed at events hosted by the Division of Engineering Science, including ESEC and EngSci Alumni Dinner
- Hosted two concerts at Hart House
- Collaborated with organizations to bring music education to underprivileged kids

# CANADIAN SOCIETY FOR CHEMICAL ENGINEERING



## Description

*Estimated Membership:* All undergraduate chemical engineering students

The Canadian Society for Chemical Engineering (CSCHE) is a national association that brings together chemical engineers from industry, academia and government to provide opportunities for professional development, networking and sharing of knowledge. In the spirit of this philosophy, the CSCHE University of Toronto Student Chapter – whose membership encompasses all undergraduate students in the Department of Chemical Engineering and Applied Chemistry – has organized interactive workshops and seminars, hosted engaging social and networking events, and led a student delegation to the annual CSCHE Conference in London, ON. We aim to connect our student body to their peers, faculty members, alumni, and the chemical engineering field at large.

## Accomplishments

- Honourable mention for the CSCHE Student Chapter Merit Award in 2011
- Runner-up awards for Albert Huynh and Bo Han Zhang in the Reg Friesen and Robert G. Auld Oral Paper Competitions respectively at the CSCHE Conference in 2011
- Campus events such as the First Year and PEY Information Sessions, Professor-Student Mixer, Halloween Costume Party, Kris Kringle Coffee House, Valentine's Day Candy Grams, Table Tennis Tournament, as well as various plant/lab tours and industry speaker events.



# CHINESE ENGINEERING STUDENT ASSOCIATION



## Description

*Estimated Membership:* 400 members

The University of Toronto Chinese Engineering Students' Association (U of T CESA) is a student-run, non-profit organization dedicated to promoting Chinese culture, friendship, and communication between its awesome members! Running for the 37th year beginning May 2011, CESA is one of the largest clubs within the engineering faculty.



You will be able to meet new friends at our social events, celebrate Chinese festivals at our cultural events, learn new things at our academic events, and compete in our sports tournaments, just to name a few. You get free lunches, receive discounts at stores around Toronto, and get to enjoy our per-semester CESA Times magazine (in English and Chinese), and much more! We give our members the opportunity to learn, have fun, meet new people and help others around campus and in the Greater Toronto Area.

## Accomplishments

- Hosted a Winter Banquet with 8 other University Clubs that catered to 300 members
- Little Engineers' Day event that teaches young students about engineering was featured on Fairchild T.V. and radio
- Went to Montreal/Mont Tremblant for a Winter Ski Trip with many members
- Held 4 cultural and sports tournaments this year

# DESTINATION IMAGINATION



## Description

Destination Imagination (DI) is the world's largest creativity and problem solving competition. DI is made up of two components: the central challenge and the instant challenge. Each year five central challenges are issued, combining in varying degrees the following four main themes: technical design, theatre arts, structural/architectural design and improvisation.

The U of T Destination Imagination teams compete in Ontario on a provincial level and represent Canada internationally at the Global Finals in Knoxville, TN, where they compete against Universities worldwide. U of T DI also provides mentorship to many high school and elementary level teams through workshops and presentations, as well as aid in the appraising of these levels of competition at local competitions. U of T DI currently has the highest ranked Canadian Destination Imagination teams and holds much prestige and respect in the DI community.

## Accomplishments

- 1st Place Internationally in the Technical Challenge
- 1st Place Internationally in the Fine Arts Challenge
- 2nd Place Internationally in the Improvisational Challenge

# ENGINEERING LEGO GROUP



## Description

*Estimated Membership:* 6 members + drop-in friends

The Engineering Lego Group was first formed during the 07/08 school year. We provide a place to come and let your creativity run wild with the building blocks you love. Membership is free, so drop by some time! Not an engineer? Not a problem. The Engineering Lego Group is open to all members of the university and we encourage anyone interested to come join us. This year, ELG experienced a big surge of interest. Thanks to all who came out!

## Accomplishments

- Construction of SpongeBob,
- The epic Lego Sword vs Lego Shield test
- Participation in Skule Kup doing the game Life of George
- Our new ballista!



# ENGINEERS IN BORDERS



## Description

*Estimated Membership: 75 members*

Engineers IN Borders experienced another exciting year. We achieved our goal of providing engineering students with an opportunity to volunteer in the community. Leadership, initiative, creativity, teamwork and communication are essential skills which an engineer must possess. Engineers in Borders refines and improves a great variety of crucial skills. Next year we can look forward to a new and exciting Executive Committee who are sure to shake things up!



## Accomplishments

- Great Canadian Shoreline Cleanup by leading the cleanup of the Toronto Islands
- Constructed a Haunted house St. Albans Boys and Girls Club
- Volunteered Tutors in and around Toronto
- Sandwich, sock and underwear run to the homeless

# EYES OF HOPE

## Description

*Estimated Membership: 130 members*

Eyes of Hope is designed to help alleviate poverty in both the local and international community, while encouraging the development of leadership skills of our members. Some of our ongoing activities include the University of Toronto Habitat for Humanity Campaign, where we are working towards fundraising for a University of Toronto sponsored house for a low-income family in Toronto. We also regularly hold sandwich runs for the homeless and organize weekly painting sessions with the at-risk youth in the Toronto community.

## Accomplishments

- Advocated for a more inclusive environment for the at-risk youth in the Toronto community through weekly art sessions
- Helped with organizing the annual Habitat Week at the University of Toronto to raise awareness on the goals of Habitat for Humanity in Toronto and the University of Toronto Habitat for Humanity campaign

# HACKER ACADEMY



## Description

*Estimated Membership: 40 members*

Hacker Academy holds weekly NETtalks (News, Engineering, Technology) that are delivered by HA staff, members, industry professionals, and anyone with a passion in technology and engineering. HA also holds monthly Dev Dojo programming competition and rewards participants with great hacker prizes. HA is sponsored by Newegg Canada, Microsoft, and AMD. Hacker Academy provides an environment for students to constantly think outside the box, and engage

in activities in technology and engineering that are much more related to industry rather than academics. The topics that we cover including but not limited to: programming, software/hardware design, computer hardware, tech entrepreneurship, algorithms, web development, and other fun topics in tech and engineering.

## Accomplishments

- Developed member's technical and behavioral quality which allowed them to have the edge over other applicants when applying for internship, co-op, and job opportunity through our events. Our members have found jobs because of our events and connection with the industry leaders such as Microsoft and AMD, along with smaller startup companies.
- Delivered 4 Dev Dojo programming competition with over \$1000 in prizes
- Gained over 40 regular members, 180 online membership, and over 200 newsletter subscribers in less than 8 months
- Invited industry professionals, tech entrepreneurs to talk about their experience and development in the tech industry



# U OF T HUMAN POWERED VEHICLE DESIGN TEAM



## Description

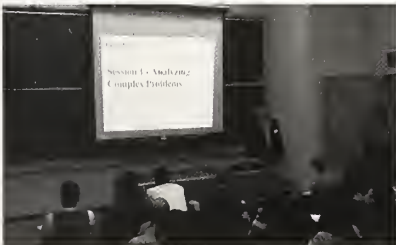
*Estimated Membership:* 12 members

The Human Powered Vehicles Design Team gives students a chance to design, build and race Human Powered Vehicles (HPVs). HPVs are essentially extremely fast recumbent bicycles capable of achieving speeds of over 100 km/h. Students will have a chance to learn the importance of aerodynamic, structure and mechanical design as well as advanced composites manufacturing techniques. Students also have the chance to train to race for the two main competitions we attend annually, the ASME Human Powered Vehicle Challenge, a collegiate completion between a variety of colleges in the United States and the Battle Mountain Human Powered Speed Challenge, where we attend to attempt to break the current human powered speed record.

## Accomplishments

- Placed 1st overall at the 2011 ASME Human Powered Vehicle Challenge –East
- Placed 3rd in the world for top speed in the men's division at 116.9 km/h at the Battle Mountain Human Powered Speed Challenge

# THE INSTITUTE OF INDUSTRIAL ENGINEERS



## Description

*Estimated Membership:* 150 members

The Institute of Industrial Engineers is an organization whose purpose is to bridge the gap between industry, and the Industrial Engineering student body. Students can take advantage of business certification courses, competitions, industry speaker panels and student information panels along with many other professional events. IIE maintains a strong position in the engineering community as a provider of professional services as well as a promoter of the Industrial Engineering community.

## Accomplishments

- Creation of IIE Presents, a high profile speaker / networking event.
- Implementation of the Deloitte Business Courses with a total participation of 120 students over 2 sets of courses
- Creation of the Industrial Engineering Competitions Day, a set of competitions available for all years of industrial engineering students on one day.

# IRON DRAGONS



## Description

*Estimated Membership:* 28 paddlers + 3 coaches

The Iron Dragons shook the dragon boat community even more this season, as they made their competitive presence known. They also easily defended their title as the loudest and most spirited team on the water! Achieving team records across the board, the Iron Dragons have proven that SkuleTM engineers are some of the most capable individuals you can find. And when you put these individuals together in a boat – well, watch out... because that boat just may begin to fly.

## Accomplishments

- New team-record time for the 500m course: 2:08.31
- New team-record 17th place overall finish at the Toronto International Dragon Boat Race Festival, amongst over 200 teams from around the world
- University Cup Champions at the Great White North Challenge



# LEADINGLEED TRAINING & CONSULTING



## Description

*Estimated Membership: 70 members*

LeadingLEED was formed to create awareness of LEED in the engineering and public community. The executive committee is comprised of engineering students who have achieved their LEED accreditation in the form of the Green Associate (GA) or LEED Accredited Professional (AP +). We

will help enlighten people of how this green building rating system works and the affect it has on the public. The phrase "What is LEED" has been uttered too frequently, this site hopes to reduce the frequency in which that question is asked.

## Accomplishments

- Taught a 60+ Person Class in LEED exam prep training
- Attending GreenBuild in full force
- Increased LEED awareness at the University

# THE MULTICULTURAL STUDENT SOCIETY



## Description

*Estimated Membership: 157 members*

MSS consists of students with an interest in experiencing cultures and traditions from different countries. This club allows many students from different backgrounds and disciplines to meet and break down stereotypes and misconceptions through better understanding of one another. We also aim to improve interpersonal skills and help promote the rich diversity present in the engineering community at UofT. Furthermore, the MSS gives engineering students the chance to relieve stress in a friendly and social environment.

## Accomplishments

- Being LEGENDARY
- Significantly increasing each member's awesomeness
- Tripling the membership compared to last year

# ENGINEERING PHOTOGRAPHY CLUB

## Description

*Estimated Membership: 36 members*

The Engineering Photography Club aims to provide students with an outlet to share their love of photography as well as to help existing photographers further develop their skills. We hope to build a strong community and promote photography within Engineering Skule™ and its students. Over the year we held numerous photography trips, and dedicated workshops taught by veteran Photography Club members.





# RATIONAL CAPITAL INVESTMENT FUND

## Description

*Estimated Membership:* 100 members

The Rational Capital Investment Fund is a student-led portfolio management group at the University of Toronto. The Fund offers its members hands-on experience in all aspects of the portfolio management process. It was established with a vision to enable university students with a passion for investing to gain practical experience in analysing capital markets. The Fund offers a rigorous Analyst program that teaches students the critical thinking, data analysis, and information synthesis needed to become a successful investor, as well as a general membership program that provides free financial education to our members.



## Accomplishments

- Implemented a new Analyst Program stressing individual thinking and critical analysis
- Implemented an integrated educational program, covering the spectrum of basic to advanced investing-related topics
- Grew funding and membership to record levels

# SKULE ARTS FESTIVAL



## Description

*Estimated Membership:* 40 members

The Skule Arts Festival or SAF is a week long exhibition of the artistic abilities of engineering students here at Skule. Art is a great outlet for all the stress we know comes with being an engineering student and SAF is an opportunity to show off your stress-relieving / procrastination / boredom-in-class artwork. This year we had a variety of "static" art including paintings, drawings, photography, poems, short stories, crochet sculptures, socks and a quilt displayed in BA, GB and SF. We were the ones that did the paint splattered banners hanging in the SF atrium and the random but really cool paint pillars. If you saw the 20 foot tall Tyrannosaurus Rex wooden skeleton, that was us too. Valentine's Day was celebrated with a Coffee House where we had a short story read aloud and some seriously talented musicians giving awesome performances (and the food didn't hurt either). So make sure and get involved with the festival next year. . . cause Engineers can do art, but Artscis can't engineer!



# SKULE MODEL UNITED NATIONS



## Description

*Estimated Membership:* 30 members

Founded this very year, Skule Model United Nations Club (SkuleMUN) strives to foster communication about international politics and world issues through both competitive and non-competitive debate in the style of a mock United Nations. The aim of this club is to construct an environment that is accessible to the schedule of an engineering student while promoting leadership, problem solving and public speaking skills. To solve the world's problems, engineers must understand what those problems are and SkuleMUN provides students with the opportunity to keep in touch with workings of the outside world and the work of today's leaders.

## Accomplishments

- Creation of IIE Presents, a high profile speaker / networking event.
- Implementation of the Deloitte Business Courses with a total participation of 120 students over 2 sets of courses
- Creation of the Industrial Engineering Competitions Day, a set of competitions available for all years of industrial engineering students on one day.



# SKULE ORCHESTRA



## Description

*Estimated Membership:* 60 members

Skule™ Orchestra is a symphonic orchestra of string, wind, and percussion instrumentalists. Established in 2006, it is the only full orchestra in a Canadian engineering faculty. The orchestra is a place for students to have fun performing challenging repertoire ranging from John Williams to Mahler. We hold weekly rehearsals and various exciting events during the year, including three concerts, a clinic, trips to local music events, socials, and Moment, the Valentine's Ball. There's a lot of opportunity to meet fun people with a shared interest in music - we have members from all around the university community.

## Accomplishments

This year, we performed three concerts and hosted our annual Valentine's Ball, Moment. There was a full house at the Fall term Pops Concert in Knox College and for the first time in the orchestra's history, tickets for Moment were completely sold out days before the event. Symphonic Boom, our final concert, proved to be a wonderful ending to the year where our concerto competition winner, Haruna Monri, performed the Tchaikovsky Violin Concerto in D Major and the we played the complete Borodin Symphony No. 2.



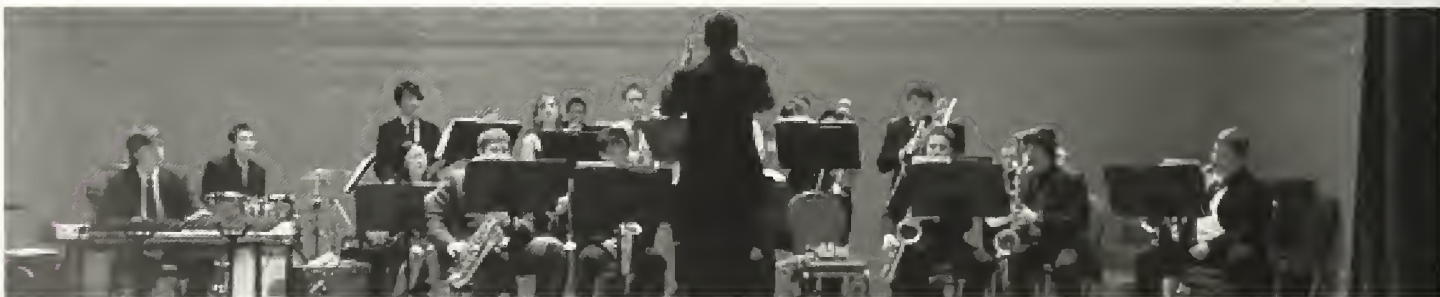
# SKULE STAGE BAND



## Description

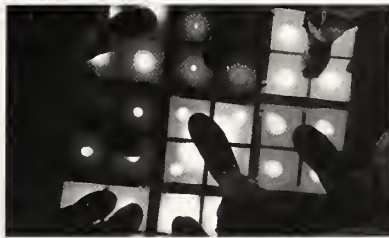
*Estimated Membership:* 22 members

The Skule Stage Band, a student run, big-band jazz group had the pleasure of performing at many Skule events this year. The SSB is in its 29th year of existence after being created back in 1983. This year our performances included SUDS, Engineering Science Dinner Dance and Skule Music Concert in the fall semester and Gradball and Jazz@Oscars in the winter semester. Thanks to all the members of the Skule Stage Band for their hard work and dedication this year. As well, special thanks those of you who attended our performances! Your support is greatly appreciated!





# THE SPARK DESIGN CLUB



## Description

*Estimated Membership:* 40 members

The Spark vision is aimed at creating an inspiring environment at Skule. We believe that the environment in which we work and study plays an integral role in our learning and development. So, we set out with the goal of filling our halls at Skule with more design, creativity and inspiration for all students. Engineering doesn't just have to be in the classroom and at work, it can be done just for fun! Find out more at [spark.skule.ca](http://spark.skule.ca)

## Accomplishments

- LED Tiles
- Light Chimes
- Floor Piano



# SPARK



## Description

4 years at university passes by within a blink of an eye. Soon, you may realize that you no longer have the luxury of time to explore new industries nor try different professions. However, in order to find what you truly want to do, you must explore and oftentimes it's hard to find the starting line. This is where we come in. We're a club whose vision is to cultivate individual passion. Our mission is to provide the opportunities for you to explore. This year, we kicked off with our first program, Spark Projects. What is different about this program is that it is real. The project you work on is real and more importantly, the impact you make is real, not just some case study. Individuals from different departments and even different universities are chosen to participate

in a multi-disciplinary project to design, create, and implement solutions within an industry. It is a chance to broaden your perspective from working with students from multiple disciplines; an opportunity to solve real problems and understand how your knowledge can be applied; a networking journey as you work with your team and the company through a real problem. Let's pave your future. Website: [www.sparknow.ca](http://www.sparknow.ca).

## Accomplishments

- Expanded our operations to Ontario College of Art and Design
- The Gambles Ontario Produce Inc. Project in creating a forecasting system that decreased its forecast error by 20% and made significant difference to the company's operations
- The 2012 Synaptop Competition to integrate cross-disciplinary teams consisting of University of Toronto and OCAD students with the purpose of allowing students to gain more knowledge on fast growing, start-up company and to provide opportunity to be hired as a summer intern

# SUSTAINABLE ENGINEERS ASSOCIATION



## Description

*Estimated Membership:* 500 members

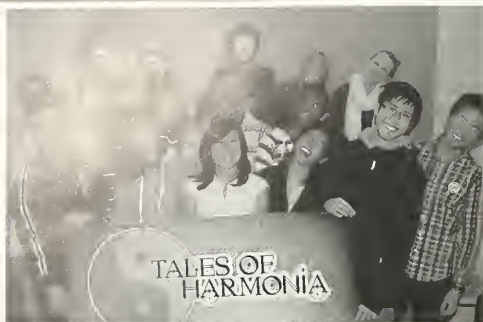
The Sustainable Engineers Association Conference (SEAC) is designed to expand the minds of students that are passionate about learning more on the topic of sustainability. In this one day event, students learned about the current state of sustainable development and technology in Canada and in the international arena. The Sustainability Education Symposium addressed the methodologies and challenges in sustainability education. The keynote was delivered by Dr. Karel Mulder, professor at the Delft University of Technology in the Netherlands and a renowned world leader in Engineering Education for Sustainable Development (EESD).

## Accomplishments

- 2011 Sustainability Commission Award by the University of Toronto Student Union
- Outstanding Club Faculty Nomination Award by the Engineering Society
- Endorsement by the Division of Engineering Science under Professor Romkey and Professor Foster
- Being invited to attend the 2011 ESC102 Design Showcase as judges



# TALES OF HARMONIA



## Description

*Estimated Membership:* 30 members

Tales of Harmonia is a mixed 30-voice auditioned choir that aims to not only provide talented musicians with the opportunity to pursue excellence in music within a friendly, focused environment, but alongside individuals who share the one other common bond that binds us all and unites us as one – our collective power to geek out about the various insanities of life. We are built on the following tenets, to provide all choral members with a more \_\_\_\_ musical experience: 1. Holistic and Heterogeneous (diverse), 2. Interdisciplinary, Versatile and All-Inclusive, 3. Geeky, Green, Groundbreaking and Globally-Minded

## Accomplishments

- Performing a few flash mobs at the SF and GB computer labs (<http://www.youtube.com/watch?v=TvA9R02kt3o>)
- Performing at a coffee house organized by the Underwear Club in November
- Raised \$62 from carolling during Christmas time for the Playing for Change Foundation, which is a non-governmental organization dedicated to bringing about peace and positive social change through music education
- Will be performing at our year end concert to raise money for the Playing for Change Foundation

# U OF T MUSIC CLUBS INITIATIVE



## Description

*Estimated Membership:* 14 members

Through music, we are out to strengthen U of T student life! Our plan is to start bands based on what students would want to join, and have them play around campus for students, thus creating a musical community for students, both musicians and audiences! And we have other ideas for future expansion (e.g. recording, music appreciation meetings and more!). Students can get involved by: 1. Joining/forming a band in any genre, 2. or Attending shows performed by such bands, 3. or Administrative executive work to help make this possible and to expand!

## Accomplishments

- Formed two bands: a Metal-Rock band and a Pop-Rock Band
- Procured a 5-piece acoustic drum set
- Acquired rehearsal space
- Acquired storage space, courtesy of Chem Club

# U OF T CONCRETE CANOE TEAM



## Description

*Estimated Membership:* 30 members

The University Of Toronto Concrete Canoe Team is comprised of over thirty undergraduates in the Faculty of Applied Science and Engineering, from all disciplines, as well as students from the Faculty of Arts and Science. We annually design, build, and race a canoe made of concrete, and continue to create the lightest possible high-tensile-strength concrete. All of the work is done to compete in the "CSCE Canadian National Concrete Canoe Competition" with a dozen other schools from across the country.



# U OF T CONSULTING ASSOCIATION



## Description

*Estimated Membership:* 1500 members

The University of Toronto Consulting Association (UTCA) is a student run organization that aims to connect UofT students with professional consulting firms. UTCA hosts several events throughout the school year that allow students to gain exposure to the consulting world.



## Accomplishments

- Consulting blog: link students with interest in management consulting to consultants' perspective and experiences
- Case Interview Preparation Program: intensively train students for the case interviews used by management consulting firms
- Resume books: an additional way for students' talent to be discovered by consulting firms
- Info sessions with consulting firms: for students interested in the consulting industry and especially those seeking employment and internship with consulting firms
- Consulting firm visits: for students to visit sponsoring consulting firms and learn more about the working environment
- Alum panel event: for students to interact with alumni of UTCA and familiarize with the industry
- Case competition: for students to analyze a real case and compete each other in terms of presentation and management strategies

# U OF T EMERGENCY FIRST RESPONDERS



## Description

*Estimated Membership:* 52 members

The University of Toronto Emergency First Responders continued to offer first aid classes and workshops as well as first aid services to the Skule community and the University of Toronto in general. We competed in the MedicalWilderness Adventure Race for the first time, placing 5th in scenarios of ten teams and beating our own university's Medicine team. We also attended the National Conference of Campus Emergency Responders once again where one of our members was elected to the Board of Directors of the Association of Campus Emergency Response Teams. We continue to strive towards our goal of becoming the campus first response team and providing first aid services to all. As both engineers and first aiders, it is our humble duty to serve our society and community.

# U OF T ENGINEERING CHINESE CLUB



## Description

*Estimated Membership:* 270 members

The University of Toronto Engineering Chinese Club (ECC) is a student organization and its mission is to "unite Chinese engineers and empower all engineers". ECC wishes to enrich student life and their undergrad experience through various academic, athletic and networking events. For this upcoming year, ECC will also aim to promote local outreach and charity events to its members so the Chinese engineers can have many opportunities to interact with the local communities and truly experience the Canadian culture. ECC have hosted a number of successful academic events to broaden student's knowledge about Professional Experience Year Internship Program and Graduate School by learning from their fellow students' personal experiences. ECC has also hosted sports tournaments to promote healthy and active lifestyle within the student community. Last but not least, our Alumni Dinner and Mentorship Program provided excellent networking opportunities for all members.

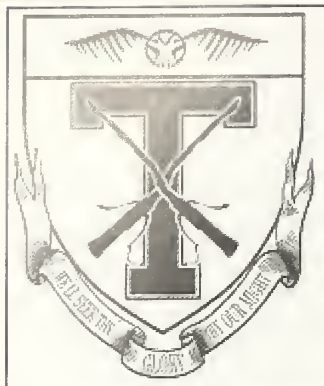
## Accomplishments

- Increase membership by 100 compared to last year
- Orientation, PEY Seminar, Chinese New Year celebration all had over 100 attendance
- ECC Networking night's attendance improved from 30 to 75 compared to last year
- Was able to host free badminton tournament for members





# U OF T QUIDDITCH TEAM



## Description

*Estimated Membership:* 50 members

The University of Toronto Quidditch Team, also known as The Nifflers, originated in early 2009 when the McGill Quidditch Team came to teach us how to play the sport. Quidditch is the sport from the Harry Potter series adapted for Muggles. This is a full contact sport and is quite rough. It is also one of the most fun and friendly games to play. Bascially, it's awesome.

## Accomplishments

During the 2011-12 year, our team expanded almost 4 times its size. We have successfully spread the word of Quidditch at UofT. The first annual Yule Ball was held on January 21st, 2012 at Hart House which attracted a wide range of attendees. This event, and more, will be held in the coming years!

# WOMEN IN SCIENCE & ENGINEERING

## Description

*Estimated Membership:* 900 members

Women in Science and Engineering is a co-ed student organization open to all persons in the University of Toronto community. The club provides a community and network for our members to share experiences and information about professional development, as well as maintaining school-life balance. This year, WISE has started some new initiatives such as WiseFit and a High School Outreach Program, as well as collaborated with industrial contacts to run technical and consulting resume clinics. A Summer Travel Experience Event helped attendees learn about the many opportunities available to go abroad. Through these various events and initiatives, WISE has been able to expand its membership, and enjoy great turnout at events!

## Accomplishments

- The Women Innovate Speaker Series brought a roster of impressive speakers to the University of Toronto to share how they achieved their career goals to be where they are today. Events included the "Women in Powerful Positions" speakers, as well as "Life After Graduation", which featured University of Toronto graduates who returned after joining the workforce.
- The WISE Mentorship Program connected students at the University of Toronto with high-profile females in academia and industry, providing role models and a great opportunity for more information about possible careers. With attendance much greater than the maximum capacity of 30 mentees, this was a definite success!

# MISSING CLUBS

American Society of Mechanical Engineers  
Astronomy & Space Exploration Society  
Blue Sky Solar Racing  
Board Gamers  
Brass Ring  
Canadian Undergraduate Technology Conference  
CFES Leadership Summer School  
CitizenEngineer  
Club for Undergraduate Biomedical Engineering  
Egyptian Students Association  
Engineers for Christ  
Engineers Without Borders - UofT Chapter  
Frontier College - St George Chapter  
Frontier College - Students for literacy  
Kidney Disease Screening and Awareness Program  
Korean Engineering Students' Association  
LGBTQ Engineering  
Mechatronics Design Association  
Mining Games Team  
MSE Industry Club  
Muslim Students' Association  
National Society of Black Engineers  
Nspire Innovation Network

Ontario Water Works Association - Student Chapter  
Skule Ninja Club  
Skule Stage Band Blue  
Solar Blimp Design Team  
Students Fighting Cancer  
Students in Technology and Engineering in Medicine  
Sustainable Energy Fair  
Take Action! Organization  
Technophilic Magazine at the University of Toronto  
Tetr@UT  
Tetr@UT  
U of T Campus Conservatives  
University of Toronto Aeronautics Team  
University of Toronto Engineering Toastmasters  
University of Toronto iGEM  
University of Toronto IHI Open School  
University of Toronto Mandarin Chinese Christian Fellowship  
University of Toronto Robotics Association  
University of Toronto Ski and Snowboard Club  
University of Toronto Space Design Contest  
University of Toronto Yoga and Fitness Club  
Water Environment Association of Ontario



# ENGINEERING ATHLETIC ASSOCIATION



The Engineering Athletics Association organizes Skule™ teams ranging from the traditional sports of hockey, rugby, volleyball, soccer, basketball, and ultimate frisbee to more unorthodox sports such as innertube waterpolo. These opportunities allow Skule™ engineers to showcase their athletic abilities and unrivalled determination.





# ICE HOCKEY

## Accomplishments

### Fall Season

Women Ice Hockey:

Skule placed 1st in Division 1 playoffs







# BASKETBALL



## Accomplishments

### Fall Season

#### *Men Basketball:*

**Skule C** placed 3rd in Open season (pool A)

**Skule B** placed 3rd in Open season (pool C)

### Winter Season

#### *Men Basketball:*

**Skule C** placed 1st in Open season (pool B)



# INDOOR SOCCER



Women's Skule Indoor Soccer Team



Men's Skule A Div 1 Indoor Soccer Team



Men's Skule C Indoor Soccer Team

## Accomplishments

### Winter Season

#### *Men's Indoor Soccer:*

- Skule A** placed 2nd in Division 1 season (pool B)
- Skule B** placed 2nd in Open Division season (pool D)
- Skule C** placed 3rd in Open Division season (pool D)





# VOLLEYBALL



Skule Co-ed Volleyball Teams



## Accomplishments

Fall Season

*Men Volleyball:*  
**Skule A** placed 1st in playoffs (pool A)

*Co-ed Volleyball:*  
**Skule A** placed 1st in Division 1 playoffs (pool A)

Winter Season

*Men Volleyball:*  
**Skule A** placed 3rd in Division 1 season  
**Skule B** placed 1st in Division 2 season (pool A)

*Co-ed Volleyball:*  
**Skule A** placed 1st in Division 1 playoffs (pool A)  
**Skule B** placed 1st in Division 1 season (pool B)







# RUGBY

## Accomplishments

Fall Season  
Skule A placed 4th in  
season (pool A)







### Accomplishments

#### Winter Season

*Co-ed Innertube Waterpolo:*

**Skule A** placed 1st in Division 1 playoffs

**Skule C** placed 2nd in Division 2 season  
(pool A)

# INNERTUBE WATERPOLO



Skule A Division 1 Innertube Waterpolo Team





# ULTIMATE FRISBEE



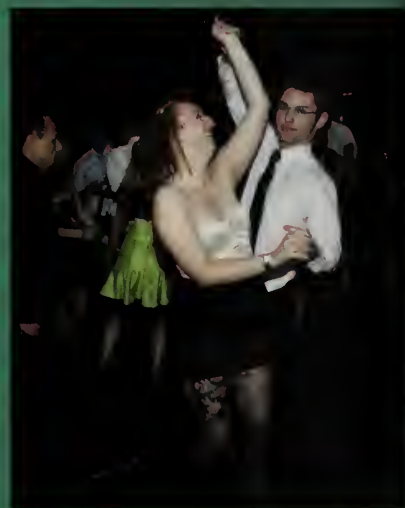


# FORMAL EVENTS



Once a year, each discipline club organizes a dinner dance. Every discipline shows their own personality and spirit by having a different theme. In addition to the dinner dances, Cannonball is held to celebrate the end of a crazy Godiva Week in style. And finally, there is Gradball. Gradball is the annual formal put on by the Engineering Society for its graduates to celebrate 4 long years of hard work.

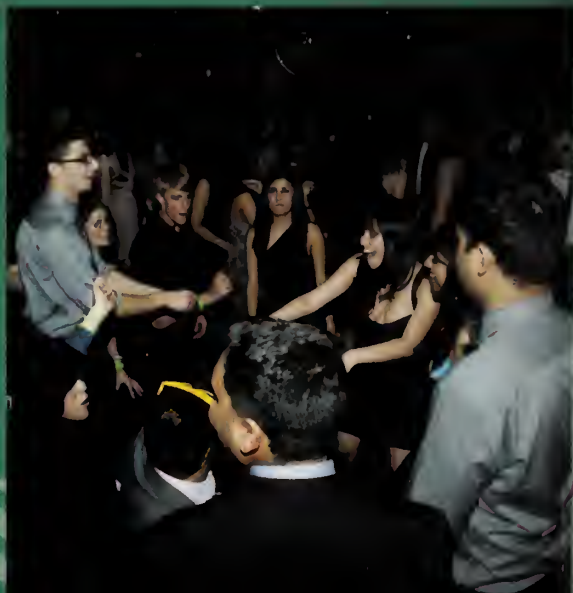




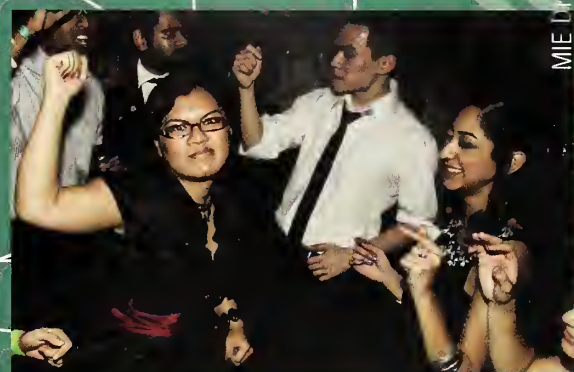
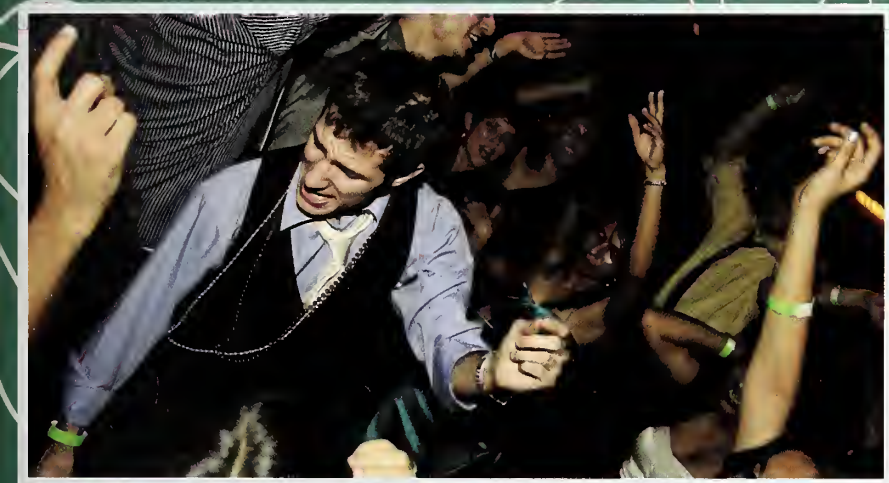
# MIE DINNER DANCE



Theme: Hollywood  
Date: November 11, 2011  
Location: LaGondola Banquet Hall







## MENU

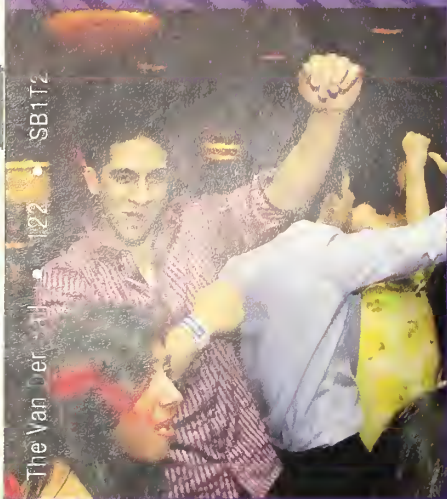
*Appetizer*  
Salad

*Main Course*  
Grilled Breast of Chicken & Roast Beef with Vegetables

*Dessert*  
Ice Cream Crepes







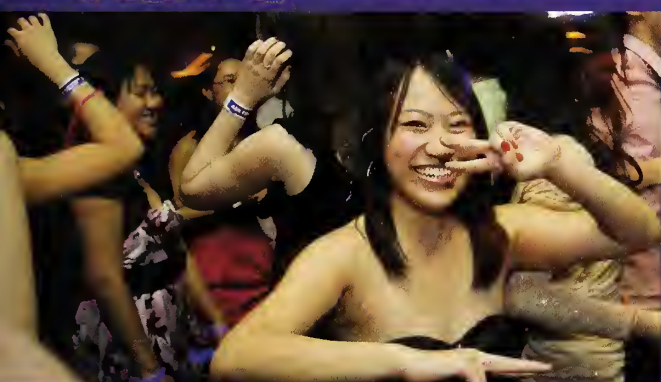
# THE VAN DER BALL



53rd Annual Chem Club Dinner & Dance  
Date: November 12, 2011  
Location: The Delta Chelsea Hotel







## MENU

### *Appetizer*

Roasted Butternut Squash & Georgian Bay Apple Bisque Soup

### *Main Course*

Garlic & Herb Laced Supreme of Chicken with a Tarragon Jus

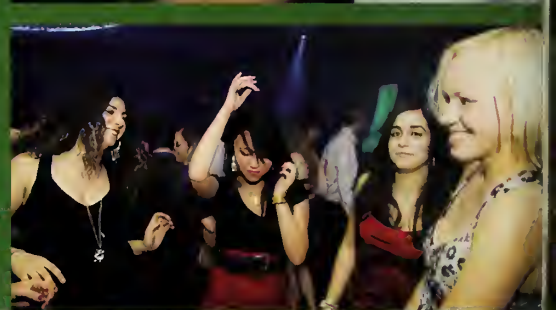
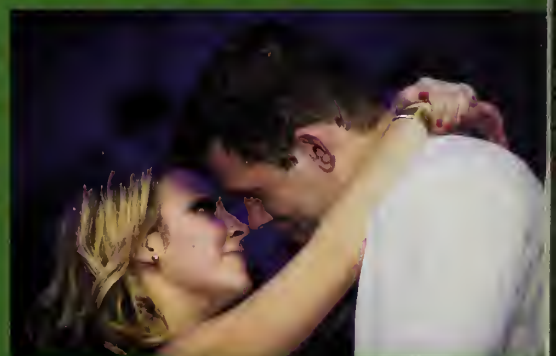
Gill & Goat Cheese Crusted Atlantic Salmon Fillet with  
Cranberry & Ginger

Baked Garden Spinach & Ricotta Cheese Cannelloni with Vine  
Ripened Tomato & Basil Pesto Sauce

### *Dessert*

Caramel Pyramid Cheesecake with Lavender Infused  
Strawberry Compote & White & Dark Chocolate Cigar





# A NON-STATIC AFFAIR



CIV Dinner Dance 1T1  
Date: November 18, 2011  
Location: Paradise Banquet







## MENU

*Appetizer*  
Caesar Salad

*Main Course*  
Chicken with Mushroom Sauce or Eggplant Parmesan with  
Seasonal Vegetables & Roasted Mini Red Potatoes

*Dessert*  
Ice Cream Crepe with Coffee or Tea







# ENGINEERING SCIENCE DINNER

Date: November 18, 2011

Location: On The Park Events Centre







# DANCE 2011



## MENU

### *Appetizer*

Spiced Roasted Tomato Soup with Marianted Avocado, Lime & Olive Oil

### *Main Course*

Skillet Seared Chicken Breast in a Wild Mushroom Cafe au Lait Sauce

Butternut Squash Agnolotti Pasta with Sauteed Spinach & Amaretto Cream (Vegetarian Option)

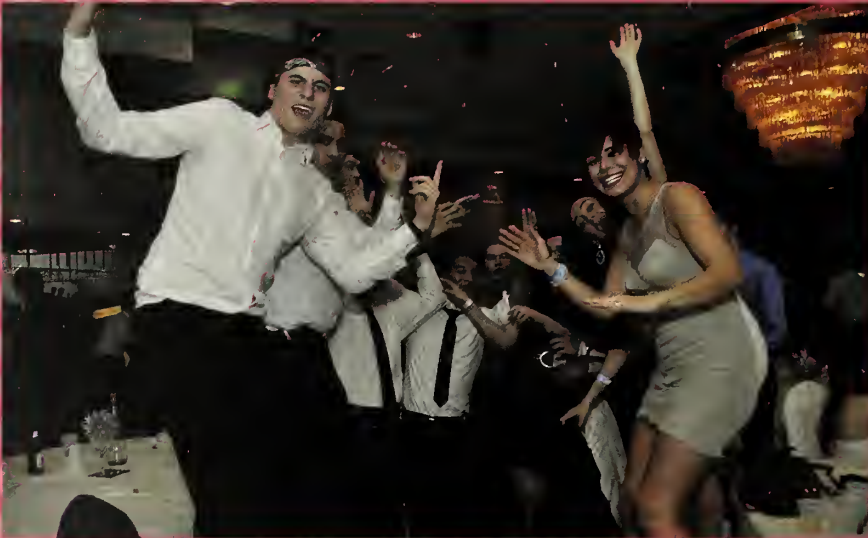
### *Dessert*

Double Vanilla Bean Creme Brulee Topped with Minted Berries





# MSE DINNER DANCE







## MENU

### *Wine & Cheese*

Assorted Hord D'oeuvres & Assorted Cheese Platter served with wine and cocktails

### *Appetizer*

Stracciatella Soup & California Soup

### *Main Course*

Penne in Tomato Soup, Tortellini in Alfredo Sauce, Filet Salmon & Chicken Breast with Stir-Fried Vegetables & Potatoes

Eggplant Parmesan (Vegetarian Option)

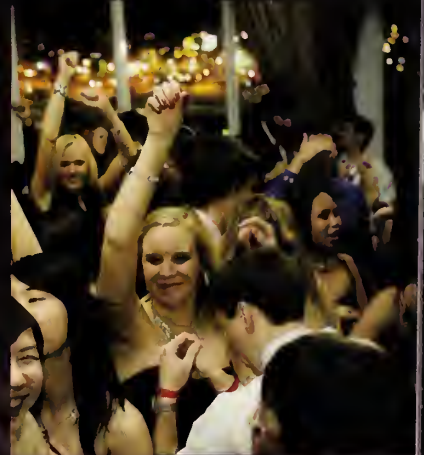
### *Dessert*

Crepe with Vanilla Ice Cream served with Coffee/Tea/Espresso





# CANNONBALL



**Date:** January 14, 2012

**Location:** Atlantis Pavilions

To celebrate the end of Godiva Week, everyone got together to let loose and enjoyed Cannonball, the annual Engineering Society dinner formal. The dinner dance usually consists of a night of traditions. Cannonball 1T1 was organized by the Cannonball Chair, Nicole D'Mello. The bang of the Skule Cannon brought Godiva Week 1T2 to a successful close.





Presenting...Mr. Blue & Gold and Lady Modiva's first dance!



The amazing MCs of the night!



## MENU

### Appetizer

Grilled Portobello Mushrooms with goat cheese and roasted red peper served over five leaf lettuce

### Main Course

Breast of Chicken Supreme Marengo  
Vegetable Strudel (Vegetarian Option)

### Dessert

Stairway to Heaven







# GRADBALL

[Amanda Bell, INDY 1T1 + PEY]



Valedictorian 1T2: Amanda Bell, INDY 1T1 + PEY

## Message from your Valedictorian

Good Evening distinguished guests, professors, faculty, significant others, and of course, my fellow soon-to-be graduates. Thank you for the honor and opportunity to address you all tonight.

I don't know who the upper years were who continually said to us, "don't worry, it gets easier next year", but when I find them, I'm going to kick them in the shins, and then shake their hands. Because that statement reveals two things about our lives: Nothing is easy until it's in the past and eventually all things come to pass. Life gets harder, and we get better at the simple act of living. So remember, today can't possibly be the worst day of your life; that's yet to come! I'm joking of course, but there's a corollary for the positive experiences as well. No matter how wonderful you feel today, it's not the best day of your life, because as life becomes more difficult, you become stronger and each subsequent success is the greatest thing you've ever done.

In this way, nothing until now has been as stressful and as gratifying, and nothing I've ever been through has been more demanding, more rewarding, less encouraging, and more satisfying.

Which brings me to the main point of my speech – the perks of being a loser. Losing will always show you more about yourself than winning will (although being a winner will very quickly show others what type of person you are, especially in politics). You might forget Ohm's law (though I hope you don't, ECEs), but you'll never forget what you learned when you walked into a screen door because you thought it was open. Which is a good analogy for U of T Engineering overall: your head will hurt, you'll realize that your expectations differed from reality, and your friends will delight in pointing out your mistakes. It's what you do afterwards that shows you've learned something. You can get angry, or you can design a new door, with better system salience and resistance to attention lapse-based errors.

We are incredibly fortunate, as U of T grads, to live in a time and place with an economy that values the unique talents we, as engineers, have been taught: a sense of societal responsibility, knowledge of business, and analytical skills, just to mention a few. And it boggles my mind to think that outside of U of T, we become the people who others trust when we say "you can safely fly this four-tonne metal structure filled with people through the skies" or "Of course it won't blow up". But it's that trust in our decisions that we need to uphold, even though internally you're remembering the time you ate a giant spoonful of wasabi because someone thought it would be funny. We're the same people we've always been, but now we're the ones taking care of the world instead of the other way around.

Remember, everything passes – losses, victories, and us, hopefully, in April – and is replaced by other accomplishments and other people. But it doesn't end today. There will be other occasions when you'll have to buy nice clothes and sit for an unbearably long time listening to people who don't know what they're talking about. The most important thing is that you choose what you'll take from it when you move on. So congratulations to the class of 2012.

The jazz combo is going to help me with a little farewell ditty (did you think I wasn't going to sing?), but first a toast:

To you, class of 1T2 and 1T1 + PEY, to our genius and our stupidity, and to the minimization of the stupid things we'll do in the future.

*We'll see!*

*Who knows?*

*Who thought that we'd reach this day;*

*You look great, by the way,*

*In formal clothes.*

*You've been a student here for four, maybe five,*

*Years of your life,*

*Where will you go?*

*Who knows?*

*You could end up anyplace,*

*In a lab, in deep space,*

*Pouring concrete.*

*You got the talent and the aptitude to,*

*Make your dreams true,*

*What'll it be?*

*1T1s, 1T2*

*Did you ever think that you'd,*

*have iron rings?*

*In two-thousand seven fall, in con hall,*

*We felt small,*

*But now we're kings!*

*The endless midterms,*

*Relying on the bell curve,*

*All night we're bookworms,*

*For Cs!*

*All that work, we're here still.*

*Just through our sheer force of will,*

*We've reached today!*

*Come on, people, 1T2s, 1T1s,*

*It's been fun,*

*Wouldn't you say?*

*The air is humming,*

*And graduation's coming!*

*Who knows?*

*The Band'll crash, Cannon boom.*

*After this, life resumes,*

*You've got tonight . . .*

*Thanks for tonight . . .*

*You've got tonight! Could be!*

*Who knows?*

*There's something due any day;*

*I will know right away,*

*Soon as it shows.*

*It may come cannonballing down*

*through the sky,*

*Gleam in its eye,*

*Bright as a rose!*

*Who knows?*

*It's only just out of reach,*

*Down the block, on a beach,*

*Under a tree.*

*I got a feeling there's a miracle due,*

*Gonna come true,*

*Coming to me!*

*Could it be? Yes, it could.*

*Something's coming, something good,*

*If I can wait!*

*Something's coming, I don't know*

*what it is,*

*But it is*

*Gonna be great!*

*Around the corner,*

*Or whistling down the river,*

*Come on, deliver*

*To me!*

*Will it be? Yes, it will.*

*Maybe just by holding still,*

*It'll be there!*

*Come on, something, come on in,*

*don't be shy,*

*Meet a guy,*

*Pull up a chair!*

*The air is humming,*

*And something great is coming!*

*Who knows?*

*It's only just out of reach,*

*Down the block, on a beach,*

*Maybe tonight . . .*



Gradball is the annual University of Toronto engineering formal ran by the Engineering Society for the graduating class of the year. This year, Gradball 1T2 was ran by the Gradball Chair, Kelly Bryck. It traditionally takes place the Saturday after the graduates receive their iron rings.



## MENU

### *Appetizer*

Maple Roasted Butternut Squash with Cinnamon Cream

### *Main Course*

Crisp Skinned Breast of Chicken with a Cream Thyme Jus,  
Rapini & Confit Bell Peppers, Whipped Potatoes  
or

Truffled Mushroom Risotto

### *Dessert*

Mango Charlotte













# GRADUATES OF 2012





# CHEMICAL ENGINEERING



Rozita Abdoli



Shreya  
Agrawal



Yousuf Ali



Michael  
Aquino



Faraz Azadi



Melissa  
Battiston



Michael  
Bolisay



Rel Esther  
Bongo



Kelly Bryck



Julia Caldwell



Chelsea Chan



Velora Chan



Wael  
Charanek



Aadita  
Chaudhury



Janice Cheng



Clement Chow



Amanda Chu



Kristiana Dean



Fanghui Dong



Sonia Doza



Adam Dwyer



Abby Eldib



Kushal  
Gangopadhyay



Schnelle  
Gopalan



Jia Yi Guan



Dongdond Gui



Chantal Hearst



Tracey Hoang



Warda Hoque



Yin-Chieh Hou



Sophie Hu



Damish Jaidka



Nia Jang



Dan Jiang



Rehana Kazi



Sami Khan



# CHEMICAL ENGINEERING



Mizuka  
Kobayashi



Priscilla Kwan



Janice Lau



Victoria Leung



Fiona Li



Yin Liu



Siwei Liu



Michael Loh



Haoyuan Lu



Kevin Mahabir



Jozef Maka



Andrei Martan



Steven Mayers



Natalie McLeod



Kathryn  
Metzger



Bridget Mills



Iris Milo



Adam  
Mitchelmore



Shreya Mohta



Ryan Muere



Fiona Neill



Andrew Ng



Jessica  
Ng Kee Siong



Juwairia  
Obaid



Hayeon Park



Jana Peria



Kai Ling Phon



Vidur Punj



Anjali  
Ramcharitar



Nicole Riggi



Sean Salonga



Danny Salvo



Nikhita  
Sathish



Subodha  
Senevirathne



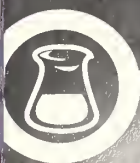
Lock Serene  
Sow Mun



Mohammad  
Shah



# CHEMICAL ENGINEERING



Xiao Jie Shi



Shuo Shi



Calvin Shum



Wacy Su



John Sue



Yue Sun



Tasmia  
Tabassum



Mona  
Tahvildar  
Khazaneh



Christopher Tai



Jean-Pierre  
Tam



Kenneth Tan



Daniel Tsai



Angie Tse



Basil Wadi



Yao Wang



Nida Waseem



Ben White-  
Argumedo



Da Zhang



Boya Zhang



Fan Zhang



Peter Zhao



Michelle Zhou



# CIVIL ENGINEERING



Muhammad  
Rhaman



Maria  
Abi-Ghanem



Ahmad Akkad



Ricardo Aldrey



Ammar Al-Rifai



Sami Al-Sharif



Timothy Antonio



Nensi Baboci



Paul Bachan



Mina Behrooz



Izabela Bugan



Garry Carr



Mengyuan Chen



David Cheung



Jesus-Victor  
Corre



Alexander  
Dason



Ngawang  
Dhargyal



Adam  
Di Placido



Vanessa  
Dibattista



Jason Do



Dimitri  
Dremetsikasv



Ahmed Eisa



Nasser El-Hindi



David Feng



Milton Fonseca



Jonathan Fung



Usman Gillani



Emily Golem



Dong Gu



Xiao Han



Jean Hanna



Emran Haque



Peter  
Howeychyn



Dandan He



Jeffrey  
Hengyichun



Wei Huang



# CIVIL ENGINEERING



Alexander Hucal



Sean  
Hutchinson



Xinling Ji



Andrei Junea



Keerthi  
Kamaraj



Mohamed  
Kamleh



Adil Kapadia



Vereak Khoeum



Roger Kodsi



Alanna Komisar



Stephanie Koo



Libatharshini  
Kumarakulasingam



Samantha Lane



Hong Lenh



Xiaokun Li



Cliff Li



Andrew Lintag



Jen Long



Jun Wei Luo



Gabrielle  
Mabrucco



Nico Malfara



Alireza  
Mansourkiayee



Andrew McCol



Jacqueline  
McGee



Che McWaters



Jacqueline  
Miklovich



Matin  
Nabavi Niaki



Fernando  
Nogueira



Owyn Notario



Lukas Notten



Yuri Otarov



Marko Pavlov



Bianca  
Portoraro



Eva Potter



Peter Raimondo



Tercio  
Rodrigues



# CIVIL ENGINEERING



Joel Rombough



Brandon Seguin



Nor Rizal Shah  
Dawood



Shahrzad  
Borjian



Matthew Smith



Adam Stina



Brandon Sung



Pratheepan  
Suthaharan



Fiona Tam



Sahar Tolami  
Hemmati



Kyle Tousignant



Chen Wang



Yinji Wang



Hanlin Xia



Yihua Xy



Derong Yang



Jia Zhu Yang



Xinru Zeng



Hu Zhan



Hushan Zhou



# COMPUTER ENGINEERING



Mustafa Abbas



Hadi Aladdin



Karthik Arcot



Sivaghanan  
Balaskantha



Brian Chan



Alton Chiu



Chien-Yu Cho



Danny Cho



Billy Chou



Chia Yu Chu



Jermaine  
Davis-Wilson



Ricardo  
De Amorim



Hari  
Desikachary



Varsha  
Devulapalli



Kush Dua



Lin Gu



Somya Gupta



Tulika Gupta



Neil Isaac



Rafay Khan



Yatyeung Kot



Aaron Lane



Chieh Feng Lee



Bozhidar  
Lenchov



Jeff Li



Rui Li



Guowei Lin



Bradley Liou



Alexandru  
Litoiu



Chong Liu



Ashish  
Malhotra



Ye Miao



Thierry Moreau



Ehsan Nasiri



Calvin Ngan



Jean-Yves  
Ntamwemzi



# COMPUTER ENGINEERING



Keerthana  
Pachalla



Joonyung Park



Paul Park



Hyungrok Park



Karan Patel



Michael  
Politano



Rahul Popuri



Venkateswaran  
Raja



Mohd Rafat  
Rashid



Sundas Riaz



James Robinson



Timothy Sham



Chen Shao



Shamsheer  
Shergill



Sooyong Sim



Gagandeep  
Singh



Mugunthan  
Sundaran



Ervin Sy



Long Fong Tam



Jason Tan



Nicole Trudeau



Yu Mei Tsai



Saurabh Verma



Anoojan  
Vijayasri



Manoj Vipparthy



Shu Wang



Wei Wang



Jie Hao Wu



Cheng Yang



Haesung Yoon



Sick Yoon



Tao Zhang



Qiaozhi Zhao



Mahtab Ziaei



# ELECTRICAL ENGINEERING



Tashfique  
Abdullah



Parsha Antara



Wenshun Bai



Prashanth  
Balachandran



Saifaldeen  
Banihani



Rashmi  
Bhagwat



Faizan Butt



Eric Chan



Parmeshar  
Chauhan



Diana Chen



Michael Chen



Chao Chen



Jason Cheng



Rebecca Chin



David Chou



Rayyan  
Choudhury



Michael  
Del Balso



Lazar Demin



Qi Deng



Oriola Dhamo



Jatinder Dhinsa



Mike Dong



Essam El Sahwi



Mi Fang



Zhe Fang



Ryan Fernandes



Mark Fioravanti



Yingying Fu



Yuan Gan



Gabilasan  
Gengatharan



Pedram  
Ghezavati



Michael  
Goldsbie



Matthew Guan



Pablo Gutierrez



Amir Habibi



Hani Hadidi





# ELECTRICAL ENGINEERING



Syed Haider



Ikhee Han



Liam Harper



Niloufar  
Hashemi



Zixuan Hu



Lihe Hu



Charles Huang



Mahera Jawaid



Ge Jint



Danish Kanwar



Nareen  
Karunaharan



Ahsan Kathana



Meghana  
Kaushal



Sheema Khan



Abdul Khan



Divya Khattar



Nidhi Khattar



Aryan  
Khodabandeh



Hyun-Joon Kim



Dae Won Kim



Jordan Kis



Erica Kitano



Celine Ko



Hossein  
Kolahdoozan



Sergey  
Korobkov



Martin Kovac



Valikhan  
Kuperov



Jigdel Kuyee



Luke Lee



Man-Hoi Lee



Ling Yuan Li



Zhan Jun Liao



Ye Lin



Qiang Lin



Sin To Ling



Ming Liu



# ELECTRICAL ENGINEERING



Chien-Heng Lu



Rui Luo



Quan Ma



Byron Ma



Zhao Ma



Matthew  
Martino



Soroush  
Massoumi



Choudry Ajlal  
Mazhar



Shervin Mehryar



Bahar  
Memarian



Xun Miao



Tanzim  
Mokammel



Sangeevan  
Nagaratnam



Tony Nguyen



Setare Omid



Areag Osman



Ning Pan



Utkarsh Patel



Sunny Patel



Rajev  
Pathmanathan



Valentin  
Popescu



Ryan Pua



Chenxi Qu



Alexander  
Rochlin



Tal Rosenzweig



Sibi  
Selvanathan



Sohrab  
Seyedfathi



Franklin Shen



Keyi Shi



Prakashan  
Sivabalan



Bahny  
Sivapathasundaram



Shanjeev  
Sivaraj



Michael Soliman



Misha Stecyk



Sarah Joy  
Stoops



Yiwen Su



# ELECTRICAL ENGINEERING



Daniel Tan



David Tang



David Teakean



Priyanthan  
Thillaichandran



Uros Tubic



Akib Uddin



Sharazin  
Navila Uddin



Ao Wan



I-Ju Wang



Shengyi Wang



Xiaolei Wang



William Wen



Lloyd Wiredu



Tiffany Woo



Di Wu



Pete Yam



Cunfeng Ye



Matthew Yee



Kuang-Hsuan  
Yeh



Shih-Feng Yen



Se Won Yoon



Xi Yue



Chongyang  
Zhang



Yunan Zhao



Ji Long Zheng



Samad  
Zulliqan





# ENGINEERING SCIENCE



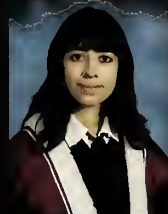
Jeffrey Alam



Miaad Aliroteh



Amir Allana



Armina  
Andriasian



David  
Barmherzig



Ali Bashiri



Peter Berczi



Joseph Bynoe



Audrey Chan



Moussa  
Chehade



Catherine Chen



Haotian Chen



Yufan Chen



Chung-Chi  
Cheng



Landy Cheung



Franco  
Chingcuanco



Jonathan Chung



Colin Cook



Michael  
Cornacchia



Cheryl Cui



Simeng Ding



Rob Dunlap



Sarekan  
Ethayakanthan



Yuan Fan



Jack Fu



Chandramouli  
Ganesan



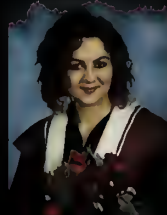
Joseph Garvey



Ulkarsh Gaur



Ray Ger



Rojina Ghasemi



Yifan Gu



Alice Han



Benjamin Hare



Balazs Hertel



Alyssa Ho



Eric Holzapfel



# ENGINEERING SCIENCE



Lily Hu



Ankit Jain



Goce  
Jankuloski



Navid Javadi



Chuan Jiang



John Jiang



Mike Jiang



Ziran Jiang



Can Jin



Sang-Hyuk Joo



Vincent Kan



Jason Kao



Matthew  
Karabela



Jeremy Kasala



Joel Kimelman



Catherine Kocia



Carol Kong



Jung Woo Kwon



Calvin Kwong



Carson Li



Feiteng Li



Wilbur Li



Hui Lin



Haoyang Liu



Li Liu



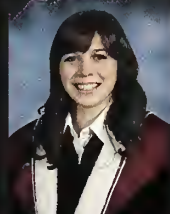
Harris Lo



Jimmy Lu



Wen Jun Lu



Megan Lund



Mohammadsadegh  
Mansouri



Daniela Miao



Mark Michael



Mina Mitry



Azadeh  
Mostaghel



Kevin Murray



Rosanah  
Murugesu





# ENGINEERING SCIENCE



Nitharson  
Muthukumarasamy



Adrian Nauth



Yin Cheng Ng



Chen Nie



Paul Pellegrini



Alexander  
Piggott



Wilson Poon



Giorgio Proestos



Ali Punjani



Siwei Qu



Rene Rail-lp



Janahan  
Ramanan



Malvika Rudra



Jordan Saleh



Joshua San  
Miguel



Anilth  
Selvakumarasingam



Rezwana  
Sharmin



Renatto Soldi  
Gribaldi



Wen Song



Valentin  
Stolzhanov



Fangzhou Su



Jonathan Sun



Xiaoyu Sun



Jeryl Tan



Yingcong Tan



Yi Tang



Shivani  
Thanalapati



Saksham Uppal



Parth Vakill



Silvia Vlad



Eugene  
Voronilsov



Fuyao Wan



Bo Wang



Hecheng Wang



Ming Hsuan  
Wang



Mohan Wang



# ENGINEERING SCIENCE



Weichao Wang



Qamar Waris



Chi Wei



Krishan  
Wickramaarachchi



Michelle Wong



Chun Wu



Charlie Wu



Zijng Xiong



Yi Xue



Gary Yan



Hao Yan



Lucy Yin



Mehzaheen  
Zereen



Biyun Zhang



Elton Zhang



Lavender Zhang



Chenxing Zhao



Guang Quan  
Zhou



Lu Zhou



Hui Zou





# INDUSTRIAL ENGINEERING



Samer Alamad



Khadem Alam



Leonard  
Anghelescu



Stephanie Au



Thanawut  
Aung-Aphinant



Zareen Babar



Vladimir  
Babisin



Dragos  
Barancean



Amanda Bell



Isaiah  
Billingsley



Aurimas Budrys



Carlo Bugash



Michelle  
Cai Chen



Carina Chan



Jacqueline  
Chan



Darryl Cheng



Arie Chernitsky



Justin Cho



Yuk Chi Choi



Byron Chong



Amy Chong



Stephanie Chow



Israt  
Chowdhury



Andrew Chun



Zengyi Cui



Mohamad Reza  
Daneshbodi



Mladen Danon



Asma Desai



Rebecca Gan



Hesse Hals



Jie Hao



Bernard Ho



Paulette  
Holtham



Stacey Howchin



Cory Hsiung



Yu Ming Hsu



# INDUSTRIAL ENGINEERING



Xiao Hu



Lucy Huo



Hadid Huque



Nahel  
Jarmakani



Nayomi  
Jayatileke



Katrina Jin



Taiyab Khaliq



Kun Jung Kim



Ernesto Kling



Patricia Ko



David Kwan



Sam Lai



Wesley Law



Jeremy Leal



Justin Leung



Si Yun Liao



Tony Liao



Wayne Lin



Chloe Ma



Nida Malik



Natasha  
Muhandiram



Michael  
Nandall



Redda Naval



David Novati



Chuka Onugu



Manorah Pais



Matthew Pinto



Steven Po



Yasmin Razavi



Adam Reiner



Jovan Sardinha



Derrick Sarwan



Nadim Sayed



Ashleigh Shier



Jason Shin



Daniel Sloane





# INDUSTRIAL ENGINEERING



Ali Schrabi  
Araghi



James Sun



Lu Lu Sun



Sabrina Tang



Shuai Tong



Alessandra  
Trevisan



Anthony Triolo



Taylor Walker



Shuo Wang



Amy Wong



Tina Yang



Allan Yee





# MECHANICAL ENGINEERING



Lugman  
Abdul Malik



Ali Afshar



Waqas Ahmed



Ayman  
Alabdallah



Tarek Alam



David  
Alexander



Yaser  
Al-Farawi



Fakhri Ali



Muhammad  
Fazry Alias



Amirhossein  
Alikhanzadeh



Mina Almasry



Vahid Amani



Kirolos  
Athanassious



Hasanka  
Attanapola



Armin  
Ayatollahi



Syed Shaheer  
Aziz



Seong Soo  
Bae



Michael Bakaic



Adrian Baniak



Cody Bannister



Aaron Barter



Corey Beckett



Jarred Bernard



Tudor Boiangiu



Steven Botelho



Maxfield  
Bradshaw



Lawrence  
Buchan



Kevin Budhoo



Jeremy Chan



Siu Lun Chan



Eunse Chang



Jingcong Chen



Michelle Chen



Zayyan  
Chowdhury



Timothy Chung



Stephanie  
Cloutier





# MECHANICAL ENGINEERING



Kaiser  
Dandangi



Art De Guzman



Julian  
Demontis



Shahed  
Doroudi



Gabriel Ee



Louay El-Ali



Mugilen  
Elaigovan



Fadi Elias



Shahriar  
Fatemi



Jesse  
Fine-Gagne



Skerdi Frasheri



Raeshel Garcia



Peter Goshulak



Ryan Grilo



James Haensel



Pedram Haeri



Ali Haider



Armin Hamta



Arlie Henkin



Tsuey Xin Ho



Daniel Hoffland



Nathan  
Hortness



Erich Hoyle



Nick Huang



Domenic Iaboni



Naqsh-E Iqbal



Waleed Ishaque



Iaroslav  
Jemtchoujnikov



Moontasir Kabir



Amol Kane



George  
Karatigin



Rafi Kasmdjian



Stephan  
Kennedy



Rishi Khan



Mohaned Kheir



Aram Khosh  
Ettekal





# MECHANICAL ENGINEERING



Ali Kianirad



Sangweon Kim



Yoorim Ko



Viken  
Koukounian



Mario  
Kovacevic



Chun Teng Kua



Milindra  
Kulugammana



Kent Kuran



Lorraine Kwan



Ohsung Kwon



Tian Le



Paolo Leano



Jung Hyub Lee



Joo Hyong Lee



Lawrence Lee



Allen Lee



Wen Jie Li



Yuanji Li



Alan Liang



Xinyu Liao



Ziqi Lin



Ziliang Lin



Te-Wei Liu



Mark Lugowski



Daniel Lumia



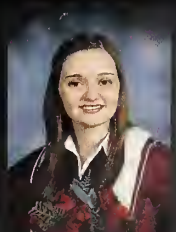
Brian Ma



Chen Ma



Ephraim  
Machtinger



Sarah Mackel



Sina Makaremi



Vaheesar  
Manivasakan



Janos Mann



Shankar  
Manoharan



Muhammad  
Ashraf Mazlan



Jason Mei



Nicholas  
Melnick





# MECHANICAL ENGINEERING



Bradley  
Menezes



Ledian Mete



Ekaterina  
Mikhailova



Daren Miles



Jesaiah Mills



Nazeer  
Mohamed



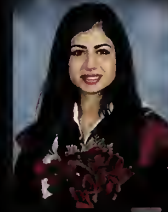
Muhammad Ahnaf  
Mohammed Satari



Mustaqim  
Mohd Abidin



Sharazul Fikri  
Mohd Salleh



Negar  
Mokhtarnia



Masoum  
Mosmer



Adrian Muscat



Edson Neves



Brian Nguyen



John Nguyen



Evgeny Nuger



Andrew Oldham



Eu Jin Ooi



Bryan Padley



Thomas Parker



Ghanshyam  
Patel



Jaimin Patel



Rohini Patel



Jay Patel



Kayvine Pathak



Zarko Pavlovic



Andrew  
Pienkow



Jordan Ponn



Ke Qi



Fang Qu



Ash  
Ramasawmy



Muhamad  
Syafiq Ramlee



Manuel Ramos



Brandon  
Ramsundar



Andrew  
Rizzetto



Michael  
Rotenberg



# MECHANICAL ENGINEERING



Atusa Sadeghi



Suraiq Sadi



Milad  
Sadrollahi



Fady Salib



Sagar Saxena



Chakameh  
Shafii Alavijeh



Negin  
Shahbazian



Bijan  
Shahriari



Tejeshwar  
Singh



Nicolas  
Stachtchenko



Mathen Sundar



Prabhdyal Suri



Kathryn Tang



Alvin  
Tanudjaya



Ankit Tiwari



Nelson Tran



Julie Truong



Amariam Ukala



Hafiz B  
Ungku Abdul



Kevin  
Vanderwoude



Pieter Verberne



Geoffrey  
Vishloff



Raza Waheed



Andrew Waid



Matthew Walz



Cai Mike Wang



Allen Wang



Andrew  
Woollard



Huangyuan Wu



Mingyang Wu



Rong Xiang



Jin Xie



Eden Yeung



Matthew Yeung



Xueying Zhang



Qiming Zhang





# MECHANICAL ENGINEERING



Hailong Zhang

Jim Zhang

Tong Xi Zhang

Ran Zhu

Hansen Zuo





# MINERAL ENGINEERING



Zaïn Badami



Laura Chen



Esther  
Cheong See



Gavin Clow



Chandan Dhal



Cherisse  
Diaram



Larona  
Dithebele



Bernadette Ho



Sabrina Miguel



Petrus Moremi



Ditiro Nkai



Meskatun Noor



Mariana  
Pinheiro



Hamza Saleem



Robert Stuglik



Valerie Surhoff



Paolo  
Tomasone



Brant Zeeman





# MATERIALS SCIENCE & ENGINEERING



Tsoleen  
Ayanian



Camille Bianchi



Mikhail Burke



Hassan  
Chaudhry



Hao Chen



Pengfe Chen



Karen Chien



Joshua Daulo



Francois  
Du Toit



Isabelle  
Dutilt



Yannick Gagnon



Tzu-Chieh Hsu



Kaiwen Hu



Sang Uk Hyun



Adam Ing



Olayinka  
Kehinde



David Kim



Annie Kuang



Zaiyuan Le



Ken Lee



Zufeng Leng



Julia Leshinsky



Gongtao Liu



Lihe Liu



Xianglong Liu



Erin McNeill



Magdalena  
Michalowska



David Miklas



Andrew Muzar



Arezou Ossareh



Meaghan Reeve



Vraj Shah



Colleen Shang



Jason Sukhrum



Jasmine Tam



Ning Tang





# MATERIALS SCIENCE & ENGINEERING



Ronald  
Victorino



Jingnan Wang



Jun Wen



Haoran Wu



Lu Xue



Kathleen  
Yamamoto



Xiaoyi Zhou



Mingqian Zhu







## Shreya Agrawal, 1T1+PEY

Love what you do, you will it well. Engineering is one of those great decisions of your life that will ALWAYS stand by you. Learn it, live it and enjoy it!!! ~CHEM ENG rocks for life~  
*Favourite Moment:* Dec 1st, 2011 Plant Design presentation



## Michael Aquino, 1T1+1

It's been a crazy 5 years, with many lessons learned and experiences gained. To failing out of EngSci in 2nd year, and switching into ChemEng; to the shame, acceptance and knowledge gained/badge worn; to teams joined, and events attended; to the new friends made, and old ones kept.

To our past, present and future: may we all learn from mistakes, make the best of each and every situation and get where we want to in a timely fashion.

Be Safe. Be Strong. Be Smart.

In Closing... "Every new beginning comes from some other beginning's end"

-Semisonic

*Favourite Moment:* Winning Muluck Cup (Intramural Rugby) in 2nd year



## Rel Esther Bongo, 1T1 + PEY

What a rollercoaster ride these 4+1 years have been! I thank the Lord for giving me the wisdom and strength (Philippians 4:13), my family for their continuous love & support, and my church for their prayers. I love you Papa and Mama! Ire, Jonsson, and Temi, my beloved siblings! To my classmates and friends, we made it -- thank

you for making this ride full of wonderful memories! Shreya, Jia Yi, Amna, Carina, Kris, Chelsea, Peter, Sophie, and Michelle -- thank you for the friendship. To my Professors: thank you for sharing your knowledge and experiences. To God be the glory.



## Kelly Bryck, 1T1+PEY

Thanks to all of the amazing friends I've made and the People's Republic of China for getting me through this. It was a blast! :D

"They say everything can be replaced. They say every distance is not near. So I remember every face of every man who put me here. I see my light come shining from the west down to the east. Any day now, any day now I shall be released." - The Band

*Favourite Moment:* That one where I said something stupid but you laughed anyways.

## Chelsea Chan, 1T1+PEY

These past 5 years seemed to pass really quickly. A huge thank you to God, and all my friends and family (you know who you are) - without your support, I wouldn't even be here. From the T1s, I learned that there's nothing wrong with taking more time to make a decision. From the Chems: EZ-SOLVE may not seem all that EZ, but it just requires a new way of thinking. I'll see you all again someday - it's a small world, after all.

*Favourite Moment:* Getting FeO'd, finishing PD, and many, many more!



## Velora Chan, 1T1+PEY

It's hard to believe that it's already been 5 years. I still remember having difficulty coping with the new stresses that university brought when I first entered engineering. I'd like to thank all my friends who have powered through these years with me even during my extreme emotional moments, be it hyperventilating, crying, or

laughing. I'd also like to thank those who voluntarily became my cupcake guinea pigs. It's been a blast y'all!

*Ideal Future Job:* Engineer

*Favourite Moment:* Skule Nite closing show



## Janice Cheng, 1T1+PEY

A great five years of ups and downs, and I couldn't have asked for better company. Congratulations and lots of love! Always keep smiling, and look forward to what tomorrow has to bring. =)

*Ideal Future Job:* Retired!



## Kristiana Dean, 1T1+PEY

Wow, finally I made it to the end! Thank you to everyone who shared the past six years with me. Through all those tough times, my friends stuck by me so I managed to shrug off those hard knocks and persevere. Meeting new people in Chemical Engineering, participating in Iron Dragons for five years, going on PEY in Fort Mac,

and being in Skule Nite Costumes/EAA/Concrete Canoe all have inspired a confidence I never thought I would have when I first came to university. Ciao!

*Ideal Future Job:* Chatterbox

*Favourite Moment:* Being awarded Female Athlete of 3rd Year 2010

## Sonia Doza, 1T1

G-gradation can be bitter sweet,

R-eminding us of all that's come and gone:

A-ll our battles, whether lost or won,

D-ays of bliss, and days we would delete.

U-nderneath our pride there is the sense,

A-lmost like a wound, of something past,

T-he beauty of a time that cannot last,

I-n which we shared the joys of innocence.

O-pen view lie before our eyes;

N-ow is the time for hopes and for goodbyes.



## Adam Dwyer, 1T1 + PEY

I could never have imagined how challenging engineering at U of T is when I applied 5 years ago. I also couldn't have imagined the amazing experiences I've had and the life-long friendships I've formed. I truly loved my time at U of T and I will miss it! Congratulations all! Never forget to pinch the tip.

*Ideal Future Job:* Petroleum Engineer

*Favourite Moment:* Being with Shreya and Fiona when they got called by IOL for their second round interviews.



## Jia Yi Guan, 1T1+PEY

I've learned, cried, and laughed countless times over the last 5 years but I know I'll miss this place and more importantly, the people, when I'm gone. Thank you Skule for the wonderful memories, opportunities and adventures! Good luck to my fellow 1T1+PEYs and 1T2s!

Wherever you go, go with all your heart and don't forget to Live. Love. Laugh.

*Favourite Moment:* Going to Europe with Annie Kuang with our PEY money

## Tracey Hoang, 1T2

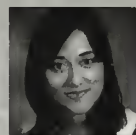
"Do I dare

Disturb the universe?

In a minute there is time

For decisions and revisions which a minute will reverse."

- The Love Song of J. Alfred Prufrock by T.S. Elliot



## Warda Hoque, 1T1+PEY

These past 5 years were a lot of fun and hard work. I learned a lot and met many great people. I want to thank my family, friends, and professors for all their support. I look forward to many more rewarding experiences that are sure to come in the near future. =)



## Yin-Chieh Bell Hou, 1T2

"The world is a book and those who do not travel read only one page." -- St. Augustine

and our journey has just began!

*Ideal Future Job:* Global Engineer

*Favourite Moment:* the moment I am done with PD



## Sophie Hu, 1T1+PEY

Thank you to everyone who have made my years in undergrad a ton of fun: Iron Dragons, Skule Orchestra, SkuleC/D co-ed volleyball, and all my classmates :)

"What lies behind us and what lies before us are tiny matters compared to what lies within us." - Ralph Waldo Emerson



## Sami Khan, 1T1 + PEY

Keep smiling and you'll conquer the world, one nucleophile at a time!

*Ideal Future Job:* Chief Engineer at CERN with MD and LLB

*Favourite Moment:* Being ringed at the Iron Ring Ceremony



## Janice Lau, 1T1+PEY

The past 5 years have gone by so quickly and I have met many great friends. Some memorable highlights include:

- beating Ryerson by 0.01s for 3rd place in the University Cup at the Toronto Island Dragonboat Race with the Iron Dragons in 2010
- Winning volleyball intramurals with Skule C in Fall 2008 & Winter 2011

- Finding creative ways of killing time during all day Lash Miller and Unit Operations labs
- Dinner dances and convincing DJs to play some old school boyband songs
- Finishing (definitely not during) plant design!

CHEM 1T1+PEY: YES; we finally made it!

*Favourite Moment:* Getting my FeO

## Hao Lu, 1T1

We destroy the worlds; we create the world.

*Favourite Moment:* Technology is never the solution, but Engineering is the Kingcraft.



## Kevin Mahabir, 1T2

Emancipate yourselves from mental slavery, none but ourselves can free our minds.

*Ideal Future Job:* Inventor of time travel

*Favourite Moment:* Getting my iron ring!



**Andrew Ng, 1T1+PEY**

It's thanks to the people in the 4+1 years that have made this a great experience! Thanks for the inspiration and for helping me make it there. Just don't forget to keep at it!

*Ideal Future Job:* Oil Cleaner Supreme

*Favourite Moment:* Plant Design Deadline Eve

**Jessica Ng Kee Siong, 1T1 + PEY**

The past 5 years have been quite a ride. From lectures to extracurriculars to life outside of Skule, I've shared many moments with all of you and will cherish fond memories at UoT. Starting with my-New College BEFs, I know we'll be having more epic times 20 years from now. To my housemates at 171 (that includes you Bo!),

living with you has been fun! To the CSCHE execs and honorary members, it has been a pleasure to work with you and I feel confident that CSCHE will be moving to greater heights with you in charge!

*Ideal Future Job:* Process Engineer

**Juwairia Obaid, 1T1 +PEY**

I had a wonderful time these past years and will not trade the experience for anything. My thanks goes to many...To God for watching over me these years. To Mummy, Pappa, Amma, Numi, Sairoo and my family for their support during the years and their snacks during the all nighters. To Ammad for lending an ear for venting and keeping me calm during midterm season. To the profs for conveying their knowledge, with a special thanks to Profs. Szabo, Kirk and Norval. Aaaaand to Wardyyy for making my time in class and out amusing and fun.

*Ideal Future Job:* R&D Engineer

*Favourite Moment:* Plant Design Accomplishments

**HaYeon Park, 1T2**

I've enjoyed the four years I spent at U of T, especially with my 1T2 peeps :) Even though there were many times when I found my situation quite burdensome, I would have not been able to go through them without my dear friends:D Thank you all for supporting me and being my ultimate 'stress reliever'<3- I won't have to write down

ALL your names down cuz I bet you all know who i'm talking about :) I will miss you and hope we could keep in touch in the future even after we go our separate ways. I'd never forget my university life at U of T (of course including stressful times in 'engineering' is a MUST, duh) Wish you all the best in your future life and see you again, cheers :) xo

*Favourite Moment:* chem dinner/dance in 2nd year

**Ricardo Aldrey, 1T2**

it's been real.

*Ideal Future Job:* building science engineer

**Nensi Baboci, 1T2**

WE DID IT! Congrats to all 1T2's and 1T1's + PEY and everyone else graduating this year! We all deserve to celebrate with a good beer in our hand on a beach somewhere, or on top of a mountain or on a couch at home...wherever! This was a great journey, full of hard work and stress, but also rich with friendship and laughter; and now

we can finally say that we made it! We are UoT Graduates! :) Now take your education to the next step and enjoy your lives! It is our turn to change the world! Good luck in the future and "Drink Up me Hearties, Yohol!"

*Ideal Future Job:* Sustainability Consultant

*Favourite Moment:* Frosh! Week - Coloring Purple and walking through downtown :)

**Garry Carr, 1T1 + PEY**

It's been a long 5 years at Skule but it has 100% been worth all of the stress, all nighters and hell that U of T has dished out. I came to Skule as a silly Frosh and leaving an engineer. I have got involved in many different activities such as pranks, the canon, LGMB, Skule Nite, TBOGG, Civ Club and left a mark on each of these activities. I met tonnes (that is a metric tonne) of people and have created memories I will never forget! Finally I would like to thank Skule for everything that it has given me.P.S. Sometimes It Got Weird!

*Favourite Moment:* Sword in the Stone at MAC

**Mengyuan Chen, 1T2**

Wish I will always remember every moment I spent at this place, as a tree through the ages.

*Ideal Future Job:* bridge engineer

*Favourite Moment:* Stargazing at Survey Camp

**Sean Salonga, 1T1+PEY**

It was a hell of a journey with many ups and downs. However, I can honestly say that I have grown a lot over these past 5 years...and I know you must have too. Congratulations!

**Moh'ammad Shah, 1T2**

Conduct yourself in this world as if you are here to stay forever, and yet prepare for eternity as if you are to die tomorrow.

*Ideal Future Job:* Shepherd

*Favourite Moment:* Pulling all nighters in the common room

**Calvin Shum, 1T1+PEY**

Thank you everyone for making this journey worth it.

**John Sue, 1T2**

Chem Eng has been a strenuous, exhausting, and challenging to say the least. In 4 short years, it has managed to destroy my self-confidence, belittle my accomplishments, and stifle my creativity and imagination...

I'd do it all over again in a heartbeat :)

*Ideal Future Job:* President, CEO of JAKDD Inc.

*Favourite Moment:* Earning that Iron Ring

**Da Zhang, 1T2**

These four years has been especially meaningful to me. It has made me more knowledgeable, honed my will, taught me the ups and downs of life and made me more mature. In a blink of an eye, our university life is coming to an end. Hopefully, this is also the start of a new beginning for all of us. Thank you, U of T.

**Michelle Zhou, 1T1+PEY**

It's been a wonderful 5 years at U of T. I won't miss the tests and midterms, but I'll definitely miss all the fun times in between =D

# CIVIL ENGINEERING

**David Cheung, 1T1**

Experiences to remember:

Mosquito bites and biking at survey camp; two-nights without sleep in Civ lab; skipping exam studying for Olympic torch; Canada winning Olympic hockey gold; capture the flag in SF; OEC 2011; FSB; shots and starcraft during accountability; undefeated in beer pong at HHF; geocaching; cherry beach; passing amendment and motion at Faculty Council; Smash 64; jello shots and late-night noodles at New College; 400 kids at Designapoolooza 2009; G20; CIV lab starcraft; getting 2nd PEY job; quitting the first; football in the snow;

Thanks for the memorizes.

P.S. Kelly, why your comment racist? =p

P.P.S. Becky, can I have your couch?

P.P.P.S. In 15 years, you need to be as good as Bernard in piano. (so that's 2027)

**Alexander Dason, 1T1 +PEY**

Man, five years is a loooong time to be at university. Even during PEY I was doing courses. That's close to a quarter of my life spent in school! Think about how many things I could have done during that time. Pretty much anything, really. Just about that time to move on with my life. Enough-with-studying and learning and writing exams. No more late nights or problem sets or group assignments.

Anyway, enough blabbering, I'll see you next year for a Masters!

*Favourite Moment:* Survey Camp!

**Nasser El-Hindi, 1T2**

These four years were the best in my life. I want to thank everyone who stood by my side and helped me reach where I am today.

*Favourite Moment:* The moment I received my iron ring.

**Jonathan Fung, 1T2**

Education is what remains after you've forgotten everything you learned in school.









### Bradley Liou, 1T1 + PEY

"I am crucified with Christ: nevertheless I live; yet not I, but Christ liveth in me: and the life which I now live in the flesh I live by the faith of the Son of God, who loved me, and gave himself for me." - Gal 2:20

*Ideal Future Job:* SAP Primary Support Engineer

*Favourite Moment:* Passed APS111.

### Ankit Mahajan, 1T2

"The time has come. The song is over. Thought I'd have something more to say"



### Ashish Malhotra, 1T1+PEY

Loved every bit of engineering, these memories will last a lifetime!

*Favourite Moment:* Fake Frosh Initiation in Con Hall



### Ye Miao, 1T1+PEY

Success is just like being pregnant. Everybody congratulates you, but nobody knows how many times you were fucked!

*Ideal Future Job:* Trillionaire

*Favourite Moment:* After Exams Period



### Ehsan Nasiri, 1T1+PEY

Thank you UofT for an incredible experience! I loved spending my undergrad at Skule. I was quite lost when I started and now have a more clear vision of how I want to live life, which is more important to me than all those formulas you made us learn. I've learned how to learn. I've learned that a mind set in its ways is a life wasted. I have found that curiosity, enthusiasm and passion are contagious. Those are things I will take with me from school. I hope I "stay hungry, stay foolish" as Uncle Steve would say.

*Ideal Future Job:* Chief Technology Officer



### Keerthana Pachalla, 1T1+PEY

Writing exams was the easy part of the 4 years of engineering. Unlearning my former beliefs was the difficult part. I learnt that making the wrong decisions could be the right thing to do and most importantly, I learnt how to learn. So, develop soaring aspirations. Develop an unquenchable greed for NEW experiences, change and challenges. Toss your snap judgments into the fire and draw inspiration from the glowing embers. And most importantly be willing to lend a hand, walk the extra mile and look into the eye of a storm armed with your belief in YOURSELF. As Kanye West says - What doesn't kill you, can only make you stronger. So long, farewell!

*Ideal Future Job:* Investment Banker

*Favourite Moment:* When I set up my timetable for fourth year and realized I had Fridays off for a whole year. WINNING.



### Rebecca Panja, 1T1+PEY

Cannot believe the years went by so quickly! I will always cherish the wonderful memories and friends I made along the way. Cheers!



### Michael Politano, 1T2

Thank you to all my friends and family for their support over the years. It has been an amazing journey!



### Rahul Popuri, 1T1 + PEY

Thanks for a great 5 years! Had a lot of good memories at Skule, and I hope engineering traditions like Frosh week and Godiva week will live on!

*Ideal Future Job:* Chief Technical Officer

*Favourite Moment:* Iron Ring Party!

### Venkateshwaran Raja, 1T1+PEY

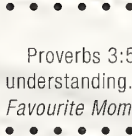
People often ask me "Why did you take that course? You are not good in that subject!". My response tends to be "That's Why!". Will come back in a few years to see how it worked out. Hopefully, it wasn't a bad strategy...!

*Ideal Future Job:* Entrepreneur



### Rafat Rashid, 1T2

Met great life long friends. In a program that I can be proud of. No regrets.



### James Robinson, 1T1

Proverbs 3:5-6: Trust in the LORD with all thine heart; and lean not unto thine own understanding. In all thy ways acknowledge him, and he shall direct thy paths.

*Favourite Moment:* Giving the final presentation in ECE297



### Chen Shao, 1T1+PEY

Life is short.

So burn it when we are young, but in a sweet way. :)

Appreciate everything and every moment, and fight for those we love.

*Ideal Future Job:* Happy Tech. Designer

*Favourite Moment:* It works.



### Sooyong Sim, 1T0

Engineers create the world that has never been.

*Favourite Moment:* All the moments in Vancouver



### Saurabh Verma, 1T1

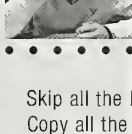
At Uoft you not only change yourself, but you get the knowledge to change the world.



### Shu Wang, 1T1+PEY

ME GUSTA

*Favourite Moment:* graduation



### Wei Wang, 1T1+PEY

Skip all the homeworks

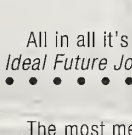
Copy all the labs

Fail all the exams

Fap Fap Fap

*Ideal Future Job:* Software Engineer

*Favourite Moment:* Browsing 9gag during exam in washroom



### Fangbo Yao, 1T1

All in all it's been a fun 4+1 years.

*Ideal Future Job:* Senior Developer



### Tao Zhang, 1T1 +PEY

The most memorable 5 years of my life. Stay in touch, friends.

# ELECTRICAL ENGINEERING



### Parsha Sanjana Antara, 1T1 + PEY

As we grow, we pick up memories and experiences. I can not imagine a time period that did or would bring so many different kinds of experiences in life. All the ups and downs in these past 5 years changed me into who I am today. This is the base that I would build the rest of my life on, sounds scary, doesn't it? Whether I like it or not

its value is undeniable and its weight is incomparable. So thanks U of T, my feelings towards you was of a rainbow color, but right now I am grateful. Cheers!

*Favourite Moment:* The very first time I stepped into Bahen centre + when I got my iron ring



### Rashmi Bhagwat, 1T1 +PEY

Tests and exams will come and go. You'll do good and bad. But what will remain unchanging and eventually central to your success is your work ethic.

*Ideal Future Job:* Management consultant



### Michael Chen, 1T2

As Dr.Seuss once said "You have brains in your head. You have feet in your shoes. You can steer yourself in any direction you choose. You're on your own, and you know what you know. And you are the guy who'll decide where to go."

Good luck to the graduates of 1T2, highest regards, best wishes and best of luck to you.



### Oriola Dhama, 1T1 + PEY

Dear Electrical Engineers... when Thomas Edison, the inventor of the electric light bulb, said that "Genius is 1 percent inspiration and 99 percent perspiration", he did not mean for you to take that literally!

*Ideal Future Job:* Your boss

*Favourite Moment:* Switching out of EngSci!



## Rui Luo, 1T1 + PEY

Best of luck everyone!

Don't forget to look up now and then. The stars try so hard to put on a great show every night!

## Rui Luo, 1T1

Had so much fun studying with all male friends, and I don't regret my choice=D

Legendary years

*Ideal Future Job:* Software Engineer

*Favourite Moment:* ECE297 presentation

## Yuan Gan, 1T1 + PEY

"Hey sup man, I think you are in my circuits class, do you know how to find the impedance here?" "What's impedance?" "LoL" "LoL"

"Got notes for the class today?" "Just woke up..." "Lorrr" "Lorrr"

"BA 3rd floor?" "of course" "Downstairs for some freshair?"

"shhrrree~"

"Rollllll!" "Yeeaaa Lets own some nooobssss!!" "Lolll noob Kevin is feeding and Nelson is carrying again..omfgaltqbbqwtfggff#\$^&"

"Bro Zhao... may I borrow your harddrive for the long weekend? @~@"

"Gua gua guuuuuuu~" "Ahhhhh yo wo c\*\*!!!"

"Yeeaaa! Iron Ring!!!" ...

Here comes to the end of the most memorable chapter in our life, 5 years of hardwork (and collaboration, if you know what I mean ;D), we've been through it together. Let our friendship be time, as it approaches infinity. There are adventures awaiting us tomorrow, so let's step forward, it's time for us to find out. GL Bros, and GG to all!

*Favourite Moment:* When massive bell-curve occurs.

## Gabilasan Gengatharan, 1T2

It was an amazing experience. So many memories that I will never forget. Good luck everyone and it was a pleasure meeting you guys.

*Ideal Future Job:* Computer Networks Engineer

*Favourite Moment:* Phoenix Dance Team Memories

## Pablo Enrique Gutierrez Sanchez, 1T1 + PEY

To my friends, thank you for the unforgettable memories.

To my parents, thank you for the support, and unconditional love.

All glory to God.

A mi padres, gracias por el apoyo y el amor que siempre me han dado.

A Dios, gracias por mi familia y la manera en la que me ha bendecido.

... Y POR SUPUESTO, QUE VIVA COLOMBIA!!!

*Favourite Moment:* Last exam

## Hamdan Hossain, 1T1 + PEY

U of T made us go through hell and sometimes made us despair. However, it was nothing compared to what billions of people face everyday. Our role is to conquer all of the world's despair and seek freedom and happiness for ourselves and others without taking away someone else's.

*Favourite Moment:* Last exam

## Mahera Jawaid, 1T1+PEY

Calm down, keep working and live while you can!

## Ge (Simon) Jin, 1T2

In the end, we will remember not the great marks we achieved, but the light of striving and friendship shining in the darkness.

*Ideal Future Job:* Entrepreneur

*Favourite Moment:* The late night that cleared out all the bugs and submitted work on time!

## Jigdel Kuyee, 1T1

It was great five years here (with PEY) at U of T and I want to thank all my friends for all their support and wish them the best for their future endeavors! Finally, to my parents and siblings, I wouldn't have made it this far without your help.

*Ideal Future Job:* Builder

*Favourite Moment:* Discovering my passion

## Ling Yuan (Larry) Li, 1T1+PEY

These years have been long and tough, gained many experiences and survived. I thank everyone for those memories, and assistance. May all your wishes come true, no matter how irrational it may be.

GL HF DD KA

Peace out!

## Wei Li, 1T1

never stop learning to engineer a better world

## Qiang Lin, 1T1+PEY

I'll always remember the past five years at ECE, the good or the bad, the fun or the pain. They are all my precious memories. I love you all! Wish we all be friends forever!

## Quan Ma, 1T1

ALL THE BEST TO 1T1 GRADS! WE MADE IT!!

*Ideal Future Job:* Financial Engineer

## Matthew Martino, 1T1 + PEY

What an enlightening few years plus PEY. Lots of hard work, but great success. Did not need to worry so much after all. On to the next round...MASC. Thanks for the great memories, and good luck to all the members of Team plus those picked up along the way!

*Favourite Moment:* 1st year: Team, 2nd year: FBI Database, 3rd year: Crazy Exam Schedule, PEY: AMD Shanghai, 4th year: WSN

## Ch. Ajlal Mazhar R, 1T1 +PEY

University of Toronto taught me never to get pushed by your problems; indeed be led by your dreams. I'll cherish moments spend at UoFT for the rest of my life.

*Favourite Moment:* Break dance with Prof G. Gulak

## Shervin Mehryar, 1T1 + PEY

Be OK and ("u")!

*Ideal Future Job:* NBA player

*Favourite Moment:* Right before when I fall asleep

## Bahar Memarian, 1T2

"The only thing constant in life is change."

- Francois de la Rochefoucauld

## Tanzim Mokammel, 1T1+PEY

5 years went by fast. It was quite a ride, and I'd like to thank everyone that helped me get through it. A lot of uncertainty lies ahead now that it's almost done, but I'm excited for it. So, future: come at me bro'.

*Favourite Moment:* 5 years went by fast. It was quite a ride, and I'd like to thank everyone that helped me get through it. A lot of uncertainty lies ahead now that it's almost done, but I'm excited for it. So, future: come at me bro'.

## Ning(Lorita) Pan, 1T1+PEY

Huge thanks to my parents and all my dear friends. Without you guys, this wouldn't be the best 5 years of my life.

## Sunny Patel, 1T2

the sun sets and brings an end to this day  
i slowly fall asleep and begin to fade away  
brought into another dream a new world or so it seems  
the reflection of the moon still looks beautiful in this never-ending stream  
i begin to walk in a direction i do not know  
hoping to find new things to expand on the old  
the wind picks me up and i go along for the ride  
touching out to all the different people i slowly pass by

*Ideal Future Job:* entrepreneur

*Favourite Moment:* meeting all the people during university, creating the greatest friendships I have ever had.

## Tal Rosenzweig, 1T1 + PEY

This is OUR time. Make Mistakes, take chances, explore new paths, jump on risks, trust your instincts, and follow your intuition  
"Even if you fall on your face, you're still moving forward" (Victor Kiam)

## Sibi Selvanathan, 1T1 + PEY

Watch out for me...

*Ideal Future Job:* Technical Project Manager

*Favourite Moment:* Graduating

## Shamsheer Shergill, 1T2

Education is an admirable thing, but it is well to remember from time to time that nothing that is worth knowing can be taught. -Oscar Wilde





### Bahiny Siva, 1T2

Finally the time has come :). The lesson I learnt is to stay strong and to be independent while making decisions. Wherever you go, go with all your heart and whatever you do, do it with true passion. Finally never listen to anybody's advice including this one :) The best person to trust is you! Good Luck!

*Ideal Future Job:* Power Plant Design Engineer.

*Favourite Moment:* every single moment of pure wisdom and smile :)



### Misha Stecyk, 1T2

A message to future engineers:

Don't waste a single second of your life because you'll never get it back.

An engineer who's passionate about something is one of the most powerful forces in the universe. Find something you're passionate about and become that force.

This is the age of the engineer. An engineer understands that all choices have repercussions. Have the courage to make the right decisions, not the popular decisions. Our generation will have to make lots of choices like this.

Peace

*Ideal Future Job:* Mover and Shaker

*Favourite Moment:* In the sound booth at Hart House, mixing Skule Nite



### Yiwen Su, 1T1+PEY

I chose to be an engineer because I'm lazy. As engineers, we try to find solutions to make stuff simple and easy, allowing us to be lazier and lazier. I would say four years of head-smashing experiences were worth it, considering I will have (hopefully) a laid-back life for the next ~70 years.

*Ideal Future Job:* Semiconductors process engineer

*Favourite Moment:* Reading week, every year

### Akib Uddin, 1T1+PEY

Congrats to all the grads of 1T1+PEY and 1T2!!! What an experience these past 5 years have been. Thanks to my friends and family. Could not have done it without you!

*Ideal Future Job:* Biomedical Engineer

*Favourite Moment:* Every time the canon fired!!!!!!

### I-Ju Wang, 1T2

Thanks to my family and my friends!!

### Xiaolei Wang, 1T1 + PEY +1

I have a wonderful time during my university time. Hope all of my friends be happy and healthy!!

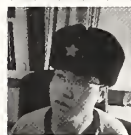
*Favourite Moment:* PEY period!

### William Wen, 1T1+PEY

Don't worry, it will all work out!

*Ideal Future Job:* f

*Favourite Moment:* f



### Di Wu, 1T1 + PEY

//

// We are ECEs, so we stick to our STYLES

//

*Favourite Moment:* The entire PEY year



### Kuang-Hsuan(Steven) Yeh, 1T1+PEY

I don't know what to write because I have been very busy doing the VLSI lab 3 for the whole day until now, and suddenly realize that the deadline of submitting grad comments is 5 minutes after(12am). And now is only 2 mins left, hopefully the clock on my computer is right and this message will be received and published. If you see this

message, you will be enchanted by my passionately blessing of goooooo luck from the deepest of my heart for the rest of your life. Goodbye, Cheers, Smile, Thank you, Have a nice day and Sweet dreams!

*Ideal Future Job:* Lottery Grand Prize Winner

*Favourite Moment:* The end of the world



### Shih-Feng Yen, 1T1+PEY

Thanks to my parents providing me this great opportunity studying aboard! I enjoy the time at U of T. There is an old saying, what does not destroy you, makes you stronger. Well done everyone! Wish everyone a brilliant future.

*Ideal Future Job:* Food creation and innovation engineer

*Favourite Moment:* Writing the Year book comment with the Ring!



### Chongyang Zhang, 1T1

Never never gonna forget my good old friends here: Xiao Peter, Chao Ge, Boss Xu, Shuji Gu, Eason Tu, Range Rover Big Brother Wang, Sam Kot, Loonie, FangZhe, Da Peter, Jerry Ma, Daye Luo, and many many of them. They are my most precious memory here in ECE!

*Favourite Moment:* Study overnight with friends in BA3rd

# ENGINEERING SCIENCE



### Murtaza Bohra, 1T2

I'd like to thank all of Eng Sci, the great staff and lecturers, but more importantly the more-than-just-awesome class mates who made it a special 4 years of my life. The things you all taught me will come handy a long way. I hope you have a great life waiting ahead of all of you!

*Favourite Moment:* Final lecture by Prof. Collins at the end of CIV102



### James Cash, 1T1+PEY

Engineering science was probably the most difficult thing I've ever done, but I'm very glad that I went through with it. Getting through the program has given me the confidence that I can do whatever I may need to do in life.

*Ideal Future Job:* Software engineer

*Favourite Moment:* Finishing AER201



### Sarenkan Ethayakanthan, 1T1+PEY

4 years, 1 year of PEY, a ton of good friends, and a lot of assignments. Definitely going to miss it all, except the assignments of course. I hope everyone is very successful in their careers and end up where they want to. Even if you don't, just stay classy.

*Ideal Future Job:* Space Robotics Engineer

*Favourite Moment:* When load kept piling up on my CIV102 bridge in first year and everyone looked upon it in awe. This thing took my weight and some, even though it was made out of some cardboard.

### Yuan Fan, 1T2

Last one standing.

*Ideal Future Job:* Portfolio Manager



### Rojina Ghasemi, 1T1+PEY

Dear University of Toronto,  
Despite all your efforts to the contrary, you'll be missed!  
Sincerely,  
Engineering Student

*Ideal Future Job:* The Right Honourable Rojina Ghasemi

*Favourite Moment:* Last day of each semester.



### Alice Han, 1T1 + PEY

Life is long, anything could happen.

Life is short, enjoy every moment.

*Favourite Moment:* being in CESA



### Ankit Jain, 1T1 + PEY

Life isn't about finding yourself. Life is about creating yourself! EngSci, thank you for all the awesome memories... and to everyone whom I have met here and learnt so much with, may our paths cross again soon... Live, love, laugh and dare to do what others deem impossible...

*Ideal Future Job:* Entrepreneur

*Favourite Moment:* Everything from "wait...you're an EngSci@?!#" to Iron Ring!



### Joel Kimelman, 1T1+PEY

That's right, I'm a rocket scientist.

*Ideal Future Job:* Aerospace Engineer

*Favourite Moment:* Frosh Week OT7



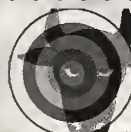
### Carol Kong, 1T1+PEY

"Courage is not the towering oak that sees storms come and go; it is the fragile blossom that opens in the snow." I always had doubts, but I can finally say that I am a survivor of EngSci. Through the ups and downs, the smiles and frowns, I learned who I am and reached limits I thought were never possible. Thank you

to my friends, family, and professors who made it an unforgettable journey.

*Ideal Future Job:* Engineering Consultant

*Favourite Moment:* Every second from year 1 through 5



### HaoYang Liu, 1T1+PEY

4 Years of EngSci + PEY... Lots of Work n Lots of FUN!!! Now's the End to it All... Also the Beginning to Something New... Good Luck To All My Fellow Classmates!!! May the Force of EngSci be with you All...

*Favourite Moment:* Finally Finishing EngSci...



## Jimmy Lu, 1T1+PEY

Thank you for the four great years Eng Sci. I always knew I made the right choice coming here!

*Ideal Future Job:* Aerospace Engineer

*Favourite Moment:* Skule's out for summer

## (Farrokh) Mohammadsadegh Mansouri, 1T2

The advantage of engineering is that it enables you to despise high grades that it prevents you from achieving.

## Mina Mitry, 1T1+PEY

To my parents who put up with me, my friends who stood by me, and the brilliant Professors at this University, I'd like to say thank you. EngSci has shaped me into who I am today and had made me "fearless". What ever the future holds I'm ready.

*Ideal Future Job:* Rocket Scientist

## Azadeh Mostaghel, 1T2

This day seemed so far away when I was starting my studies. I always felt ecstatic even at the thought of it but now that it's here, I'm heartbroken at the thought of leaving my friends, colleagues, and professors who have inspired and mentored me throughout the past four years. I want to take this opportunity to thank all who helped shape who I am today, especially my parents who have been my twin pillars through out my life, I am forever grateful. I wish you all the best and hope that our friendship can withstand the test of time.

*Favourite Moment:* Second Year Aero Project and EngSci Dinner Dance

## Rosannah Murugesu, 1T1+PEY

Dance now. Think later.

*Ideal Future Job:* astronaut

*Favourite Moment:* Making AS cry

## Adrian Nauth, 1T1+PEY

They say "Scientists dream about doing great things. Engineers do them." Then I guess that means EngScis can do great things in their sleep.

Seriously though, Engsci was a great 4 years. I've accumulated a ton of knowledge that may or may not be useful in the future, but most importantly I would say I've learned not to sweat the small things in life. To my fellow graduates: Congrats, and I look forward to keeping in touch and seeing how far our Engsci training can take us.

*Ideal Future Job:* Software Engineer

*Favourite Moment:* AER201 Demo Day

## Paul Pellegrini, 1T1 +PEY

Five years of university are now coming to an end. It seems like the blink of an eye, even though during my many 3am cups of coffee every hour felt like a year.

I walk away with slightly more knowledge in my head than I came with- and a healthy appreciation for my own ignorance.

And more importantly I walk away having found friends whose intelligence, perseverance and personalities are second to none. We've shared a lot of experiences- some good, some difficult, some sober and some not quite. I'm not sure how you tolerate me sometimes, but I'm sure glad you do. You guys mean the world to me!

The world is an exciting, uncertain place and now it's time to go out there and see what we're made of. Let's go build and discover excellent things!

*Ideal Future Job:* Founder and CEO

*Favourite Moment:* Getting my iron ring. It reminds me of all the successes and failures of the past 5 years, and how much we've all grown during our degrees.

## Wilson Poon, 1T2

To my professors, I thank you for your teachings. To my fellow graduating EngScis and friends, I congratulate us on our success. The insanity we went through together has not been in vain. As I look back at all the Flrosh weeks, and all-nighters doing problem sets and building robots, I am glad to have been a part of Skule and

I hope everyone can take what they've learned here to build a great future. See you guys in the real world, parting is such sweet sorrow.

*Favourite Moment:* Marching through Eaton Center during Flrosh Week

## Rene Rail-lp, 1T1+PEY

"We are what we repeatedly do. Excellence, therefore, is not an act but a habit." -Aristotle

*Favourite Moment:* Winning the Division 1 Men's Soccer Championship 2011

## Janahan Ramanan, 1T1+PEY

It has been said: Catch a man a fish, feed him for a day. Teach a man to fish, feed him for Life. How come no one taught us to fish? Cause we were busy building the boat. ...think about it

*Ideal Future Job:* International Man of Mystery

*Favourite Moment:* USB Thief



## Anitha Selvakumarasingam, 1T1 + PEY

It's been one hell of a journey, but we've all came out of it stronger than ever and ready to tackle on tomorrow's challenges today. If my experience at UofT has taught me one thing, it was that everything is mind over matter, attitude is everything.

I wish the best of success to my fellow classmates, especially our fob squad - Krishan, Rosanah, Janakan, Nitharson, Adrian, Sarenko. Couldn't have done it without you guys. Congratulations 1T1+PEY!

*Ideal Future Job:* Astronaut

*Favourite Moment:* Drugging R.M

## Renatto Soldi Giribaldi, 1T1+PEY

What an experience (in theory)... real world here I come knowing nothing!!

*Favourite Moment:* The minute right before the first class in 1st year



## Wen Song, 1T2

The first bit of advice I received here was "work hard, play hard". After four years of problem sets, labs, projects, and exams, we are finally seeing the light at the end of this tunnel! I'm happy to have shared this with the friends I've made along the way.

*Ideal Future Job:* Professor

*Favourite Moment:* Niagara Falls trip and April Fools prank



## Fangzhou Su, 1T1

It seems like only yesterday I was trying to think of something witty for my high school graduation comment. Though I could make every effort to try to make this comment as sentimental as possible, I'd probably end up spending hours on end trying to figure out the optimal combination of words to express my joy of finishing undergrad studies, my longing for the future, and my yearning for the memories past, in perfect harmony. Now, there is work yet to be done and I don't really have several hours to spare, so this will have to do.

*Ideal Future Job:* Transportation Consultant/Planner

*Favourite Moment:* AER201! WOHHOOO



## Jonathan Sun, 1T1 + PEY

Honestly, I just want to say that everyone at Skule is so freaking blind-sidingly phenomenal and amazing, and I'm honoured to have been among such brilliant people. I have loved every second of being part of this wonderful community. Skule Nite, I'm so glad we met. Thank you to everyone who has dreamed with me. You know who you

are. Thank you. Let's keep dreaming together!

PS. I don't even care if this sounded lame! You're lame! So there!

*Favourite Moment:* Skule Nite. Every second of every rehearsal, meeting, writing session, runthrough weekend, performance, and everything else in between. Also, working on the Skule Arts Festival, and MC-ing Godiva Week events.



## Parth Vakil, 1T1 + PEY

Can't believe it's been 5 years since I started my journey at UofT. Flying 11,000 miles from Kenya has definitely been worth it and I am proud to have joined UofT Engineering. Made lots of friends and had loads of fun, seen many ups and downs during this era, and definitely pocketed tons of wonderful memories. Kudos to all engineers and to my fellow EngSci's!

Risk more than others think is save, Dream more than others think is practical, Expect more than others think is possible...and Live as though Heaven is on Earth. Kwahehi!

*Ideal Future Job:* Lead scientist

*Favourite Moment:* What program? Engineering...Which one? EngSci. Oooh, that one, I heard it's hard?



## Silvia Vlad, 1T1

Between late nights in res doing physics problem sets, programming for a whole day before getting together for team sushi, and learning that "toike" can be used as a verb, I can't begin to think of all the moments I'll treasure. I just know that more than the things we did, I'll remember all of you who made school not just something to get

through, but something to look forward to.

Hanging out with you guys is like eating pizza. When it's good, it's great. And when it's bad, it's still pretty good.

Thanks for 5 incredible years!

**\*\*big head and little arms\*\***

*Ideal Future Job:* Water treatment process designer

*Favourite Moment:* Handing in physics problem sets at 3 am....



## Ming-Hsuan Wang, 1T1+PEY

Huge thanks to my parents, colleagues, and professors who have helped me throughout the years. It's a great experience to study at U of T. I will always remember the times we spent together coding in the SF lab...

*Ideal Future Job:* (SAE) Socially Awkward Engineer

*Favourite Moment:* PEY FTW







### Chi Wei, 1T1+PEY

Time we enjoy wasting, was not wasted. To great 5 years we spent together.

*Favourite Moment:* Frosh Week

### Krishan Wickramaarachchi, 1T1+PEY

You gotta be good to be lucky! Keep the ball rolling!

*Ideal Future Job:* Kobe System Engineer

*Favourite Moment:* thinking 'wth am i doing here?' after first 10 minutes of 1st year calc



### Charlie Wu, 1T1+PEY

"Excellence is not a skill. It is an attitude." -Ralph Marston

*Ideal Future Job:* Intrapreneur



### Yi Xue, 1T2

"Not everything that counts can be counted, and not everything that can be counted counts." ~ Albert Einstein

"The most dangerous thing is not knowing what you don't know." ~

Professor Michael Collins

"When you have eliminated the impossible, whatever remains, however improbable, must be the truth." ~ Sherlock Holmes

Thank you to all my professors, friends, classmates, and TAs for such a wonderful university experience! Best of luck in all your future endeavors.

*Favourite Moment:* AER201: Watching BSX sort batteries



### Mehzeb Zereen, 1T1+PEY

Engsci in Retrospect:

Leaving a plethora of memories in SF atrium, Engsci common room and the walks along College and St. George Street. It would be so different without my best friends: Lyndia, Landy and Lavender, who stood by me through thick and thin and made my journey through

Engsci a pleasant one :). Even a difficult path can be enjoyable when you are accompanied by great friends.

A Chinese song which my dear friends translated for me goes something like this: "We all say graduation is far, far away, but all of a sudden we are parting east and west ~~~"

*Favourite Moment:* When those tiny lil fingers of my nephew, Musa wrapped around mine, I felt as if I was blessed with an angel.



### Biyun Zhang, 1T2

It has been a great journey -- four years in EngSci with all my dearest friends. Thank you everyone, you guys are great! Now we are about to chase our dreams and start a new page of life, good luck all!

*Ideal Future Job:* finance manager

*Favourite Moment:* Passed first two years of EngSci

# INDUSTRIAL ENGINEERING



### Stephanie Au, 1T1 + PEY

There were definitely some days where I thought that I'd never make it to this moment. Thank you so much to all my classmates and friends that helped me get through these years and made them fun! I'll miss not seeing you all day after day, but I hope the best opportunities come your way. Keep in touch! Finally, thanks to my family for all their support, and thanks to Rob for keeping me company and keeping me sane even while I studied for endless hours!

*Favourite Moment:* all those fun times we had together when we weren't doing work!

### Zareen Babar, 1T1+PEY

*Ideal Future Job:* CEO Apple

*Favourite Moment:* When I got my PEY job offer :)

### Dragos Barancean, 1T1

It was a great 5 years with lots of mostly good memories that I will never forget. Congrats on surviving this adventure and all the best in the future!

Holla to freshmeat, professor sarwan, staniel, neDiesel, h-daddy, germany, jigdel, judel, chukz, the Aquamarine Lumberjack and everyone else!!!

*Ideal Future Job:* 007 agent

*Favourite Moment:* iron ring ceremony/party

### Amanda Bell, 1T1

I have never let my schooling interfere with my education. - Mark Twain

*Ideal Future Job:* Hospital Management

*Favourite Moment:* When Matt made me cry at Iron Ring



### Ioanne Carlo Bugash, 1T1 + PEY

"Foster and preserve that noblest of ideals born within you. Consider how many flowers blossom in the spring and how few are those that grow into fruits."

Thank you all my friends in SKULE especially the ones from TrackOne, Indy, and PEY! You've made the engineering experience easy peasy lemon squeezy.

*Ideal Future Job:* Carlo's Ideal Future Job

*Favourite Moment:* Finishing Calculus B.

### Carina Chan, 1T1 + PEY

*Ideal Future Job:* Engineering Manager

*Favourite Moment:* IIE conference, dinner dances



### Justin Cho, 1T1 + PEY

The past five years have been an amazing experience! In spite of all the hard work, sleepless nights, and countless sacrifices, I still thank you, U of T and Skule for all the memories. Most importantly, a huge thanks goes out to my family and friends. Without your help and support throughout the years, I'm not sure I would have made it!

INDY 1T1 + PEYs we made it!

*Ideal Future Job:* Toronto Blue Jay's General Manager

*Favourite Moment:* Dinner Dances, Karaokeing, and House Parties with all my Indys!



### Amy Chong, 1T1+PEY

It's not about the shoes.

*Ideal Future Job:* Imagineer



### Stephanie Chow, 1T1

Thanks for all the amazing memories from the last five years! Forever 1T1T1 Indy <3

"We're standing in a light that won't fade, Tomorrow's coming but this won't change, Cause some days stay gold forever."



### Mladen Danon, 1T1 + PEY

It has been my pleasure and a privilege to work with you, befriend so many of you, and share this intense and dynamic life experience with you.

I can write about late nights in RS, insane midterms, and who did what at the iron ring party; but what stands out the most to me was our unity.

I feel that we got through this as a team. Together, we shared information, knowledge, support and motivation. Whether it be the ring on your finger, or the degree on your wall, remember that as a team, we can all relate to something Julius Caesar said over two millennia ago, "Veni, Vidi, Vici".

With such a talented group of amazing individuals and engineers, the sky is the limit and I wish you all the very best in your no doubt successful futures.



### Rebecca (Becky) Gan, 1T1T1 + PEY

How can I summarize the past five years in one short blurb? It's nearly impossible! It's been a whirlwind of a ride that's been filled with a lifetime of memories. There have been highs and there have been lows, and though the lows could get rough, they always brought us closer together. To all the amazing friends I've met during my time here, thanks for making my experience what it's been -- one filled with great laughs, memories and experiences. This place has truly come to feel like a home. You guys have pushed me, inspired me and given me the support to do more than I ever imagined I would here. I couldn't have done it without you guys.

*Favourite Moment:* Chilling on the blue couch and all the memories, adventures, laughs, comfiness, and impromptu naps that have come with it.

### Jesse Hals, 1T1+PEY

Life is short so enjoy every moment of it!  
*Favourite Moment:* Thirsty Thursdays!



**Bernard Ho, 1T1+PEY**

When writing this comment, I initially stated that these past years were not the best years of my life, but the most memorable. However, upon contemplating on this statement some more, I found my initial insight to be incorrect. Just because these past 5 years were academically difficult and there were ups and downs with job hunting, it doesn't mean it's not the best. Rather, it's BECAUSE these years were hard and the experiences were tough that made them the most notable and best years of my life thus far. No other experience has been so impactful and the people that I've met so incredible.

Thank you to everyone who made these years extraordinary – Engsci, Indy and CESA peeps, Profs and TAs, roommates and everyone who I've got to know really. Wish you all the best in the next chapter of our lives!

"I'm not a pessimist, I'm a realist. There's a difference." – Bernard Ho

*Ideal Future Job:* Realist

*Favourite Moment:* Cases in OR - You're Wrong

**Paulette Holtham, 1T2**

Dear Future Self,

I hope you have found use for your engineering/business degree. I'd like to think that the countless all-nighters and group study sessions produced a successful woman. It has definitely produced a determined one!

Be grateful for the unwavering support from Mom, Dad and Emma. You would not be where you are today without them; you will never be able to thank them enough. My second family, Tri Delta, also deserves great thanks for giving me a home away from home and friendships that will last a lifetime. I am so proud to call these women my sisters.

I hope you have stayed in contact with as many Skule-mates as possible because they know how to have a good time! The hilarious events with the LGMB, the proud moments with the CANNON, the mischievous pranks with the BFC, and all the badass adventures in between, which only a handful of U of T students get to experience. Tell all these stories with passion... as if it were yesterday.

Live, Love, Laugh Always,

- 2012 Paulette -

Queen of Hearts 1T1

P.S. Go call an old friend ;)

**Lucy Huo, 1T1+PEY**

It is not our part to master all the tides of the world, but to do what is in us for the succour of those years wherein we are set, uprooting the evil in the fields that we know, so that those who live after may have clean earth to till. - J.R.R. Tolkien, The Lord of the Rings

Für alle diejenigen, die es verstehen: man sollte die Chance nicht verpassen, zu lieben, was einem in den Weg kommt.

*Ideal Future Job:* An Engineer and an Artist

**Nahel Jarmakani, 1T1**

5 long years at Skule were nothing short of spectacular. I will always remember the constant pressure to perform but to also learn and grow along the way through experiences. All the people I had to chance to know, I wish you well in the journey to truly RTW.

ADIOS Amigos!

*Ideal Future Job:* Entrepreneur: Renewable Energy

*Favourite Moment:* First Purple Shower (Literally). First PEY Job Offer, APS301/302

**Taiyab Khaliq, 1T1+1**

1st Year: \$9,123.66 + 2nd Year: \$9,787.50 + 3rd Year: \$10,534.34 + 4th Year: \$11,337.58

Total: \$40,783.08

Iron Ring: \$7.50

*Ideal Future Job:* Well-Paid Individual

*Favourite Moment:* Generous mark of

**Patricia Ko, 1T1T1+PEY**

You always want what you don't have, and I know I'll be missing skule once the real life hits me. From singing to 90s pop at IIE in 2nd year, to almost being traded for a lasagna after getting my iron ring, skule has given me more memories than I would have expected. To everyone who's helped me along the way, I couldn't have done it without you. Congrats to everyone graduating this year.. we finally made it!

*Ideal Future Job:* VP of Marketing for some consumer products company

*Favourite Moment:* GB chair racing with the indys while studying for exams.. finishing last and still managing to fall off my chair

**David Kwan, 1T1 + PEY**

Yay, I graduated! (Knock on wood) Thanks! Now I am going to take my degree to earn a job and/or another degree. Looking forward to working in the [Redacted] industry. To my friends: It's been a fun and hectic couple of years. I wish you an uneventful road ahead with many significant pleasant surprises. Now, I am going to get emotional and say: "I am going to miss you guys please call me."

Good bye and travel well.

"Be well my friends and may you punch the world in the face with your brilliance and problem solving skills." -David Kwan

*Ideal Future Job:* Prime Minister of Canada

*Favourite Moment:* Fox's student gathering with Karaoke at O'Grady's

**Wesley Law, 1T1**

*Ideal Future Job:* Software Developer

**Sisi Liao, 1T1+PEY**

These 5 years at U of T will be one of the most unforgettable experiences in my life. I experienced this school most heartily and benefited a lot from it. Wherever I am heading to upon graduation, I am determined to go with all my heart.

*Ideal Future Job:* Operations Director

*Favourite Moment:* Receiving my first full time job offer in the fall of last school year

**Tony Liao, 1T1 + PEY**

Nothing is impossible. Just don't give up.

*Ideal Future Job:* CIO of a Fortune 500

*Favourite Moment:* Captain of the University College Water Dragons

**Wayne Yuan Lin, 1T1+PEY**

"I want to put a ding in the universe." - steven paul jobs

*Favourite Moment:* Skule Nite 1T2

**Natasha Muhandiram, 1T1+PEY**

It's been four memorable years, all the way from Frosh week to Iron Ring. Four years of late nights in the comp labs, seemingly endless assignments, and many many lectures....but also four years of laughter, insight, memorable moments, Orchestra concerts and FTC events. Thank you to everyone that's been there along the way, and best wishes to you all. Congrats 1T1 + PEY and 1T2...we made it!

*Favourite Moment:* Iron ring!

**Michael Murynowicz, 1T1+1**

My experience at Skule was one I will never forget. From living in residence (NB2!), to playing for the Skule A basketball team, to all the hours spent in the ECF computer labs studying. Most of all, I will remember the incredible people who were on this journey with me. Congrats class of 1T1+PEY and 1T2!

**David Novati, 1T1 + PEY**

Congrats to all my classmates! We've had some hard times complete with all-nighters, but so many more great memories together. We've gone from teenagers to adults ready to enter life's next chapter. I, for one, couldn't be happier with how it's all turned out. I wish the best for you all! Cheers!

*Ideal Future Job:* Data analyst

*Favourite Moment:* Publishing my hockey analytics paper in INFORMS journal

**Chuka A. Onugu, 1T1+PEY**

It's been four long years of PAIN and SORROW, sprinkled with FUN and LAUGHTER. That's what you get at a first class SKULE with first class PEERS while attaining first class EDUCATION. It's been an exciting journey and I will definitely miss U of T Engineering, but I'm glad we all can now move on to bigger things. I wish everyone

success in all they do. BLESS!

*Favourite Moment:* The whole of Frosh Week, first year

**Manorah Pais, 1T1 + PEY**

The key to my successful five years was stress and patience, sleep and all night-ers, networking and anti-socialism, hard work and procrastination and the most important of them all...lots of Water! Was that the secret to my success? No it wasn't. Nobody knows the secret recipe to survive engineering and nobody will. I don't know how I made it and you won't either, just seize the moment and you won't regret it. That's why, I leave this school with bittersweet memories of laughter, sorrow, anger, pain, beer and an iron ring, I loved every moment of it and I wouldn't change it for the world.

*Ideal Future Job:* Chief Information Officer

*Favourite Moment:* all you can drink events....various ;)





### Matt Pinto, 1T1 + PEY + 1

I will always be your class clown, exotic dancer, impressionist, and that guy you just wanna punch.  
Cheers to Nida!

A Thunderous Chest Slap goes out to the boys: Taiyab, Ali, Talha, Jovan, Manora, and Alessandra. Thanks for being my lamp posts in these 5 years of night.

*Ideal Future Job:* Chief Information Officer of World Wrestling Entertainment

### Nadim Sayed, 1T1+PEY

Poor and shattered, to Thy court, I have come. A little pity, For, save attachment to Thee, attachment, mine is none.

As our careers progress, we should endeavour to help those around the world that are most in need.

### Ashleigh Shier, 1T1+PEY

So long, and thanks for all the fish.

*Favourite Moment:* Every moment after leaving Eng Sci?



### Daniel Sloane, 1T1+PEY

Good luck to everyone!

*Favourite Moment:* 1st year - 4th year



### Alessandra Trevisan, 1T1+PEY

*Ideal Future Job:* Jolly Good Fellow

*Favourite Moment:* Is there really such a thing?

### Anthony Triolo, 1T1+PEY

No matter how tough and time consuming the discipline may be, keep at it and it will all be worth it in the end. Don't listen to anyone who says you can't do it, and never underestimate yourself. Nothing is impossible if you put your mind to it.

*Favourite Moment:* Finally getting my Iron Ring!!!



### Tina Yang, 1T1 + PEY

Day after favourite moment, it's back in GB150 basking in the deliciousness of body odour and drowning in Capstone.

Love to my friends who became my second family - thanks for keeping me laughing while we endured all that Skule's had to offer us for the past 5 years.

*Favourite Moment:* Iron on pinkie

# MECHANICAL ENGINEERING



### Waqas Ahmed, 1T1 + PEY

Asking to sum my experience of four years in a few lines is like asking to capture an elephant in a matchbox. My time at UofT has been nothing but a thoroughly learning and an educating experience. I was tested time and again, fell, got up, fell again, but it was the undying spirit of making it to the boundary line that got me through.

There were days of joy, sadness, disappointment, sheer laughter, 'mad chilling', earned some lifelong friendships. To conclude, if this is what life is about, I am game. Here I come real world.

*Ideal Future Job:* Consultant Engineer

*Favourite Moment:* Disappointed and extremely worried with my result of first three courses in fall semester year 3, the joy I got when I found out that I have aced my remaining two courses was just priceless.



### Yaser Al-Farawi, 1T2

Everybody chill the \*\*\*\* out... I got this!!

*Ideal Future Job:* CEO

*Favourite Moment:* Sleeping at 11AM after spending 20 hrs in the computer lab

Think of others.

### Ayman Alabdallah, 1T2

### Tarek Alam, 1T1 +PEY

It's been an amazing five years at Skule. Starting from the dreadful Epsilon-Deltas in first year calculus to all the all-nighters I had to pull off to pass my courses, I've enjoyed each and every bit of my university life. Being involved with different student clubs and my time in PEY have been wonderful. As much as I wish that this could

go on forever (minus the studying of course), it's time for me to face the real world now and make a difference!

*Ideal Future Job:* Mechanical Design Engineer

*Favourite Moment:* Getting my Iron Ring



### Kirolos Athanassious, 1T2

In first year, my lifelong goal was to someday grow a beard. Although that goal still remains today, I have learned to dream bigger and aspire for greater things. Therefore, remember my name as the inventor of the world's first perpetual motion machine...yeah that's right.

*Ideal Future Job:* Mattress tester

*Favourite Moment:* All of them were equally bad

### Hasanka Attanapola, 1T1+PEY

Pain is temporary. Quitting is permanent.

*Ideal Future Job:* Weight trainer

*Favourite Moment:* PEY



### Adrian Baniak, 1T1+PEY

*Lady Godiva's Operation:*

Lady Godiva, dressed so demurely, Pats the head of another curly-haired boy, Just another toy. Sick with silence, she weeps sincerely, Saying words that have oh so clearly been said So long ago. Draperies wrapped gently around her shoulder, Life has made her that much bolder now That she has found out how. Dressed in silk, latin lace and envy, Pride and joy of the latest penny-fare, Pretty passing care. Har today now dipped in the water, aking love to every poor daughter's son, Isn't it fun? - Lou Reed

*Ideal Future Job:* Managing Director of the International Monetary Fund

*Favourite Moment:* Playing in the EAA Charity Hockey Game - Skule vs. Campus Police



### Corey Beckett, 1T2

"You miss 100% of the shots you don't take." - Wayne Gretzky

*Ideal Future Job:* Supreme Overlord

*Favourite Moment:* Too many to name.



### Steven Botelho, 1T2

"Once you get an understanding on the game, and what the levels and the rules of the game is... Then the world ain't no trick no more, the world is a game to be played" -Tupac Shakur

The quicker you figure out how to play the game, the easier it is to master it.

*Ideal Future Job:* CEO

*Favourite Moment:* Winning the engineering basketball intramural championship.



### Kevin Budhoo, 1T1+PEY

5 years later, an iron ring, a degree in Mechanical Engineering, and all I've learned is that you can't push a rope.

*Favourite Moment:* PEY



### Zayyan Chowdhury, 1T1 + PEY

cout << Hello World! The countless afternoons in the MC hallway. The endless nights in SF/GB labs. The sleepy hours in pointless lectures, It shall all be over soon! :D Farewell Skule... F\*\*\* YEAH!

*Ideal Future Job:* Professional Food Taster

*Favourite Moment:* The entirety of Firoshweek and... IRON RING!!!

### Kaiser Dandangi, 1T0+PEY+1

It's surprising to look back at yourself, to when you started, and actually see how much you've changed. Not just how you look, what you admire...but what you are going to be.

*Ideal Future Job:* Viceroy Kaiseroroth, Wielder of The Cosmic Battle Axe of Agrakorr

*Favourite Moment:* Realizing the Firosh entrance exam was not critical to my UofT Admission



### Jesse Fine-Gagne, 1T1 + PEY

It's been a fun ride. It's time for something new. Everything familiar has disappeared. The world looks brand-new. A new year... A fresh clean start. It's like having a big white sheet of paper to draw on. A life full of possibilities. It's a magical world guys, let's go exploring.

*Ideal Future Job:* The Boss

*Favourite Moment:* Getting my Iron Ring



## Raeshel Garcia, T1+PEY

Take Care Kthanksbye :) xoxo <3!

## Peter Goshulak, T1+PEY

We are, we are, we are, we are, we are the engineers

We can, we can, we can, we can demolish 40 beers

Drink rum, drink rum, drink rum, drink rum and come away with us

For we don't give a damn for any damn man who don't give a damn for us!

My name is Peter Gosh and it is time for me to sing,

It's been 4 years plus PEY to get my iron ring.

If I've just made you take a pick from out of a deck of cards,

You can bet your bottom dollar that you chose the five of hearts!

*Favourite Moment:* SN1T2

## Ryan Grilo, T1 + PEY

I wish all my broskies good luck and all the best. 5 years gone in a blink of an eye.

*Snap...* I made it :)

*Ideal Future Job:* Be Boss

*Favourite Moment:* Failing my first exam in first year

## Armin Hamta, T1T2

UoT was great! From working several all nighters on CIV102 bridge project (only to realize that the stupid holes were placed in the wrong location), to having to finish 8 month Capstone in under 2 weeks (B.E.A. utiful). Made some great friends, had a few good laughs, couldn't ask for more. Thanks: Mom, Dad, Brother, Mrs. Drossis, Mrs.

Van Burgen, Mrs. Luhar, Mr. Rousianos

Photo: Holding \$16,000 gravimeter over stairwell (sense of "excitement" during 1st yr.)

*Ideal Future Job:* Iron Man

*Favourite Moment:* Dye Master: Getting my fourth coating of purple dye! Boyaahh, Baby!

## Arie Henkin, T1 + PEY

There's always so much stuff and stuff to do. It never ends.

*Ideal Future Job:* CEO

*Favourite Moment:* Iron ring and graduation, enough said.

## Erich Hoyle, T1+PEY

My fellow classmates, after 5 long years I can see that engineers truly do rule the world! It has been a fantastic journey meeting and working with you all; sharing the successes, failures and bell curves presented by U of T engineering.

My closest friends, every memory I share with you will be cherished for eternity. You are the most intelligent, driven, funny, innovative, and fantastically legit people I have had the privilege to meet. Cheers to our future success and a lifetime more of great memories!

*Ideal Future Job:* Boss

*Favourite Moment:* Being dyed purple for the first time

## Waleed Ishaque, T1 + PEY + 1

"Curiosity killed a cat but made me an engineer" - Waleed.

*Ideal Future Job:* Founder, The Better Company

*Favourite Moment:* Winning first prize at UTEK 2012 with Iarsolav and Irshad

## Moontasir Kabir, T1 + PEY

From Frosh Week to Godiva Week, Innis Madness to Student Government Drama, From Awards to Intramural Wins, From Sleepless Nights to Passing Out During the Day...U of T has given me too many days I will never forget and too many nights which I can't remember! All In All...THE BEST 5 YEARS OF MY LIFE!

*Ideal Future Job:* Shooting Gaurd for The LA Lakers

*Favourite Moment:* All the MADNESS at Innis Residence!

## Amol Kane, T1 + PEY

Feels strange to say, but can finally call myself an Engineer! Its been an eventful 5 years but we did it T1's!! Congratulations to all the graduates and all the best in the years to come!

*Favourite Moment:* Frosh Week - Full body purple dye!!

## Rafi Kasmajian, T1T2

I wanna give a shout out to my homeboyz: Yiz, Ali-T, Ali, Georgy, Migz, Jay-z, Ash-Lee and Negar. I'll never forget all the messed up, yet amazing nights we went through! Secondly, I would like to apologize to the MIE undergrad office for being that annoying student asking the most useless questions, just because I had an hour off

between classes and didn't know what to do.. Thanks Carla and Mark for not losing your temper on us! Furthermore, I would like to thank all the professors for putting up with us, hope we weren't too much of a hassle to teach. Lastly, I would like to thank all my non-engineering friends(TTMA) and my family for all their support! Couldn't have done it without you guys! I hope I didn't forget anyone, and if I did, blame it on lack of sleep! I'm going to miss everyone!

*Ideal Future Job:* President of the United States

*Favourite Moment:* Molly Blooms, after every single test



## Rishi Khan, T1+PEY

I will sum up the important points from first year to graduation in a few key words. FROSH WEEK!, Engsci, fun, civ102, mistake, switched, mechanical, relief, Call of duty 4, summer, Dark Knight, frosh leadur! Iron man Hard Hat, 2nd Year! Benhabib, Thermodynamics, anthropology, summer, job, 3rd year...., difficult, difficult, hard, dinner dance, resumes,

cover letters, Montreal, NY, Interviews, accepted! Bell, Bomb defusing robots, new friends, PEY, moving, IMPACT, Ultimate Frisbee, Ukulele, Skule Nite, Shellmets, Don, Plantville, MDA, Wind Turbines, SEA, You're Next, Career Fair, UofT memes, SOTI, Hatch, Trapeze, Thoughtcorp, Microsoft, IRON RING!!!! Sensors, wind tunnels, apps, KONY 2012, Miami, exams, GRADUATION!!!...Eurotrip, Peru....Start Company! What will be your epic story?

Also, if you ever feel your story is missing the grades to back it up, remember Einstein, Zuckerberg, Jobs, Gates, Ellison, Menezes and Khan.....They never confused education with intelligence!

*Ideal Future Job:* Chief Executive Officer

*Favourite Moment:* When the entire congregation at the iron ring ceremony unanimously cheered the moment everyone received their rings.....One universal moment of happiness!

## Viken Koukounian, T1+PEY

Five years passed,

Countless memories made.

I fear, with time, they will fade.

And so, I will put effort,

In the relationships I treasure.

I may get hurt,

But I know regret is the ultimate failure.

Should this be my final message to you,

Here are some words of wisdom to accrue:

*Ideal Future Job:* We'll find out soon enough.

*Favourite Moment:* I'm sorry, I've got five years worth of them.

## Milindra Kulugammana, T1T2

When I dipt into the future far as human eye could see;

Saw the Vision of the world and all the wonder that would be.

*Ideal Future Job:* Musician

## Kent Kuran, T1T2

From adolescents to adults we have become in 4 short years. From the sheltered world of school - having spent 22 years inside, we emerge to the world - engaging with those outside. It is here that the real work and fun begins. It has been great learning, though we will never really stop, but at some point we must also start doing - for

practice makes perfects. So, onwards we go.

*Ideal Future Job:* Intellectual

*Favourite Moment:* Matriculating and Convocating

## Lawrence Lee, OT8 + GBC + PEY = 1T2

Friends are like Underpants:

Some are your favorite, Some crawl up your ass, Some get a little twisted, Some support you, Some snap under pressure, And some actually DO cover your ass when you need them to!

Thanks for all the fun times.

*Ideal Future Job:* You'll know when it happens

*Favourite Moment:* In all honesty... being F!rosh

## Alan Guo Lun Liang, T1T

Those were the days...

*Favourite Moment:* Cramming for exams, pulling all-nighters in Haultain!

## Ziqi Lin, T1 + PEY

As we approach the end of our last term for undergrad studies, I would like to take this opportunity to thank everyone one for making my experience at University of Toronto so awesome. It has been a real pleasure meeting all of you.

## Mark Lugowski, T1T2

Back when I was in engineering we used things like ECF and UTOR mail.

*Ideal Future Job:* Guerilla till I die

*Favourite Moment:* CAD Project

## Daniel Lumia, T1T2

The past four years have been challenging to say the least. I'm thankful for all of the friends and teammates that have helped me succeed and make this an enjoyable experience. Looking back I wouldn't change any of my decisions, from starting out in Track One, to becoming a Mechanical Engineer, I know I've made the right choice. It feels great to be graduating and I am looking forward to starting my career. Congratulations and good luck to the Class of T1T2!

*Ideal Future Job:* Aerospace Engineer

*Favourite Moment:* Receiving my Iron Ring





## Ephraim Machtinger, 1T1+PEY

It's been an incredibly fast and memorable 5 years! Frosh Nite 1T1 swinging with the crown, Bikechain, BFC, CW'08 Psychone orgy, GA, AA, JM, JW insane adventures! NYC high times, AEPI new brothers, IS team miss you all, finance with Huggins, Skydiver4Life, The Game life change.

I want to reach out to all of my friends, family, profs and people I have met over the years to thank you all for supporting my ambitions! This is the beginning of big things to come for us all, so let's continue to experience life to its fullest, standing by one another as we succeed wildly in all of our endeavors. CHEERS AND PEACE OUT U OF T! REAL LIFE AWAITSI!

"The person who gets the farthest is generally the one who is willing to do and dare. The sure-thing boat never gets far from shore." -Dale Carnegie

*Ideal Future Job:* Chancellor



## Janos Mann, 1T2

He does it all, yes he does. He knows how to please in every detail. He can do more than you'd ever imagine. And do it with style, he does it with me, oh yes he does. I know that you thought that you knew him. Well maybe you did, but you don't. He only reveals what he wants you to see. And then shows it all, and when he does, he satisfies me. If you only knew. Just what he could do. You'd want him too, if you only knew...

TROLOLOLOLO

*Ideal Future Job:* Pirate Astronaut

*Favourite Moment:* The snow day where every school in Toronto was closed... Except UofT



## Ledian Mete, 1T1+PEY

The last five year have been the most well-defining years in our lives so far. Great friends have made them that much more significant and enjoyable.

Thanks to all my friends for your help, support and understanding during the last five years, especially after each and every all-nighter.

Congratulations and good luck to all of you in your bright futures!

*Ideal Future Job:* Automotive engine systems designer

*Favourite Moment:* First time I met all my friends at Skule + Getting Iron Ring



## Ekaterina Mikhailova, 1T1 + PEY

Thanks, folks, for pulling me through these years - I couldn't have done it without you. Good luck with everything you undertake in the future!! God bless. Also, mmmiffERENCE.

[csscade\_stompp]

*Ideal Future Job:* Big Baws

*Favourite Moment:* Being duct-taped to a traffic light pole for Buskerfest

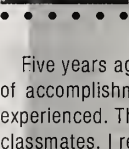


## Daren Miles, 1T1

Congrats to all my fellow graduates and thank you to all my friends for helping me through.

*Ideal Future Job:* Industrial Designer

*Favourite Moment:* The night before CAD 1 project competition



## Adrian Muscat, 1T1 + PEY

Five years ago from high school and now from university - I graduate with a sense of accomplishment. I will carry forward the lessons I've learned and the joys I've experienced. Thanks everybody for making this possible and congratulations to all my classmates. I refrain from humour at this important junction and as I stare at my iron ring, one thought comes to mind - one ring to rule them all...

*Ideal Future Job:* Engineering Consultant

*Favourite Moment:* Too many great to choose a favourite.



## Eu Jin Ooi, 1T2

I would like to give a huge shout-out to my family members, especially my mother, who's consistently been supportive in all my endeavors. A very huge thank you to all my amazing friends whom I've got to know so close that I could call them family (you know who you are, there's not enough space to mention all of you here). Thank you, too, to my friends

who resides in Canada for making me so comfortable in this foreign land. And a very huge thank you to my MASAT executive members and general members for being so supportive during my tenure as your president and sports officer in my 4 years here at UofT. Last but not least, thank you to my professors and teaching assistants who have been so passionate and helpful in pouring their endless knowledge into my empty mind. Best wishes to all the graduates and hope to keep in touch, all my friends and affiliations!



## Bryan Padley, 1T1+PEY

So they say that when striving for a major goal, its the journey not the ultimate goal that counts. I think this is incredibly true, there is no way I would appreciate my last year before I appreciate all the years before that. We've been through alot guys and each of us deserve the iron on our pinkies and the right to further our engineering knowledge we've worked so hard to gather. A Special Thanks to everyone involved in my experience, all the profs, admin staff, peers, family and my friends! Being in university is nothing without the people to help you through it (and vice versa)!

See you on the other side ;)

*Ideal Future Job:* Mechanical Engineer

*Favourite Moment:* Getting my Iron Ring!



## Andrew Rizzetto, 1T1 +PEY

"You have brains in your head. You have feet in your shoes. You can steer yourself in any direction you choose. You're on your own. And you know what you know. And YOU are the one who'll decide where to go. You'll get mixed up, of course, as you already know. You'll get mixed up with many strange birds as you go. So be sure when you step. Step with care and great tact and remember that Life's a Great Balancing Act. Just never forget to be dexterous and deft. And never mix up your right foot with your left. And will you succeed? Yes! You will, indeed! 98 and 3/4 percent guaranteed. Guys, you'll move mountains!!"

*Ideal Future Job:* Chief Engineer

*Favourite Moment:* Any time that was spent with my friends.



## Michael Rotenberg, 1T1+PEY

Who is the happier man, he who has braved the storm of life and lived or he who has remained securely on the shores and merely existed? -Hunter S. Thompson

*Ideal Future Job:* Mountain bike engineer

*Favourite Moment:* Going to the computer lab at 1AM to finish an assignment and finding my TA there as well.

## Suraiq Sadi, 1T0

Congratulations to all my fellow graduates! It was hell at most times, but I'll still miss it, weirdly enough. The skipped classes, useless tutorials, clueless test questions and the nail-biting moments before checking the final grades...good times that were made better by great friends. Wishing the very best for everybody.



## BiJan Shahrari, 1T1+PEY

It has been a long and confusing journey these past 4+PEY years at Skule, but now I can finally relax... and look forward to another 2-3 years completing my Master's degree here. I cannot express how excited I am for the all-nighters to come, in so few words. However, I do want to thank all my friends from Skule for motivating me for the past five years - knowing that we were all going through it together was definitely a reassuring experience, I wish you all the best of luck in your future careers and lives.

*Ideal Future Job:* Astronaut ;)

*Favourite Moment:* Skule Nite OT9

## Tejeshwar Singh, 1T1+PEY

Try and Stop Me! -BossNation

*Ideal Future Job:* Mechanical Engineer

*Favourite Moment:* Stressing out before midterms and exams



## Kathryn Tang, 1T1+PEY

Thanks for the adventure!

*Favourite Moment:* Flash mob @ MIE DD on 2011-11-11 ;)



## Julie Truong, 1T1 +PEY

Choosing Track One was one of the best decisions made going into University, as I met a remarkable group of friends. We shared many memories together that will never be forgotten. I am also grateful for the friends I have in Mech, we worked together, studied together, pulled late nights together and then partied together. Without my friends and family, I would not have been able to make it this far. I thank all of you for helping me pull through this exhausting yet enjoyable University Career. Cheers!

*Favourite Moment:* Seeing the smiles on faces as we receive our iron rings, knowing that we're graduating =)



## Kevin Vanderwoude, 1T1+PEY

It got weird.

*Ideal Future Job:* Lion Tamer

*Favourite Moment:* Pretty much all of it.



## Michael Cai Wang, 1T1 + PEY

Good good study. Day day up.

*Ideal Future Job:* Cleantech Entrepreneur

*Favourite Moment:* Why doesn't it compile?!?!?



## Eden Yeung, 1T1+PEY

To my fellow graduates: Congratulations. Represent U of T proudly.

To my parents: Thanks, I couldn't have made it without you

To the friends I have made along the way, I am eternally grateful to have met such wonderful people, and I hope that we can stay in touch for as long as we can.

To my roommates: You are all filthy animals. Our floor is gross, our sink is full of dirty dishes, and the washroom has overflowing garbage and no soap. Our fridge is beginning to have a funky smell too. I can't even cook for fear of getting sick. For the last time, DO YOUR DISHES!

But in truth, it has been a blast of a year living with you 4 or 9 by extension. Thanks for making my final year so amazing. I will always cherish living in this dirty house and the great memories from it. (If I'm lucky I won't leave with any strange diseases)





### Jim Zhang, 1T1+PEY

"Serve the People"

*Ideal Future Job:* Asset Manager

*Favourite Moment:* why doesn't it compile?



### Xueying Zhang, 1T1

Life is short. The five years I spent with all of you have been nothing but amazing. Best wishes to all your future endeavors wherever life takes you! Dreams never die ;)

"Follow your own courses, and let people talk." -Alghieri Dante

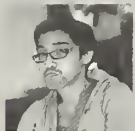
# MATERIALS SCIENCE & ENGINEERING



### Hassan Chaudhry, 1T2

The most important lesson I have learned on this journey has been to never give up. It is a priceless attribute that I will carry with me for the rest of my life. Definitely something to be proud of!

"The only way of finding the limits of the possible is by going beyond them into the impossible." ~Arthur C. Clarke



### Joshua Karyl Daulo, 1T2

We cannot know his legendary head with eyes like ripening fruit. And yet his torso is still suffused with brilliance from inside, like a lamp, in which his gaze, now turned to low, gleams in all its power. Otherwise the curved breast could not dazzle you so, nor could a smile run through the placid hips and thighs to that dark center where procreation flared.

Otherwise this stone would seem defaced beneath the translucent cascade of the shoulders and would not glisten like a wild beast's fur: would not, from all the borders of itself, burst like a star: for here there is no place that does not see you. You must change your life -Archaic Torso of Apollo, by Rainer Maria Rilke  
*Ideal Future Job:* Process engineer

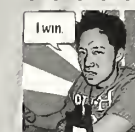


### Isabelle Dutil, 1T2

"A man who has never gone to school may steal from a freight car; but if he has a university education, he may steal the whole railroad." -Theodore Roosevelt

*Ideal Future Job:* Biomedical engineer

*Favourite Moment:* getting my iron ring !?!



### Adam Ing, 1T1+PEY

Thank you University of Toronto for a great 5 years! My time here is near ending, but I will carry these experiences forever. I've learned all the engineering songs, made great friends, ripped my hair out over problem sets, become addicted to caffeine, learned to love AND hate, and earned a world class degree at the same time.

I would be proud to call myself an Engineering graduate from University of Toronto, but I shouldn't jump the gun. I wouldn't want a 6th year!

*Ideal Future Job:* Systems Design Engineer

*Favourite Moment:* The very frosh week



### Olayinka Kehinde, 1T2

The 2011/2012 academic year was a fun year filled with various fun activities. Academically, it was a little hectic compared to other years but that even made it more interesting because effort-requiring courses such as thesis, plant design are those courses that make you realize that you are steps away from being a graduate of Engineering.

I had a steady feeling through-out the academic year which I think was similar to my class-mates. The feeling was great :D.

Word of advice to the undergrads: Give it your best, you will be rewarded heavily.

*Ideal Future Job:* Materials Engineer

*Favourite Moment:* Being asked to register for iron ring :D

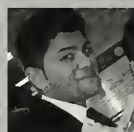


### Erin McNeill, 1T1+PEY

I believe that all I really want in this life is to sit in peace and eat a piece of cheese.

*Ideal Future Job:* VP of Fun

*Favourite Moment:* Thirsty Thursdays with the crew, especially martini nights.



### Vraj Shah, 1T1+PEY

We all know mistakes are very painful when they happen, but years later that collection of mistakes is called an experience (an IRON RING + a coveted degree) and that's the best thing to take away from U of T Engineering. Thank you all who were there in this journey You all made it special. Money, Swag, Education (MSE) Rules!!



### Colleen Shang, 1T2

Thank you to all faculty members and students for your support and guidance throughout these four years. I am proud to be a part of this wonderful community at U of T. To all first years: You might need to buy a flashlight--there's not always light at the end of the tunnel...until now.

# MINERAL ENGINEERING

See you in the future!

HERE THE HELL DID I PARK?



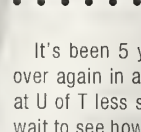
### Cherisse Diaram, 1T2

### Dimitroulakos Gregory, 1T2

I wish long life, health and happiness to you all.

*Ideal Future Job:* Mining Engineer

*Favourite Moment:* Mining Games



### Bernadette Ho, 1T1

It's been 5 years, 35 exams, countless sleepless nights- but I would do it all over again in a heartbeat. Thank you so much to everyone who made Engineering at U of T less scary, and even fun. It has been a pleasure knowing you all, I can't wait to see how the class of 1T2 (shout out to 1T1T1 + PEY) will change the future. Best of luck to everyone and cheers to new adventures!

*Ideal Future Job:* Mine General Manager

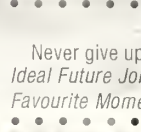


### Filip Medinac, 1T2

As usual wait till the last moment to do something.. it's 1min to the due date!!

*Ideal Future Job:* CEO

*Favourite Moment:* Discovering the PDAC!



### Sabrina Miguel, 1T2

Never give up on your dreams, and do not let people tell you they are unreachable.

*Ideal Future Job:* President/CEO of a Mining Company

*Favourite Moment:* Mining Games



### Mariana Pinheiro, 1T2

What-evah! I'll do what I want!

*Favourite Moment:* My life is my favourite moment.



### Rob Stuglik, 1T2

For we know only in part, and we prophesy only in part; but when the complete comes, the partial will come to an end. When I was a child, I spoke like a child, I thought like a child, I reasoned like a child; when I became an adult, I put an end to childish ways. For now we see in a mirror, darkly, but then we will see as face to face. For

now I know only in part; then I will know fully, even as I am fully known. -Corinthians  
*Ideal Future Job:* Mining Impact Manager

*Favourite Moment:* When I tried to steal a hard hat from the LGMB in my HSS elective.



### Valerie Surhoff, 1T2

I like piña coladas and getting caught in the rain, I'm not into yoga and I WORK OUT!!!

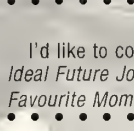
*Favourite Moment:* Going down a shaft with a broken foot



### Paolo Tomasone, 1T2

I swore I wouldn't cry.

*Favourite Moment:* Falling off a roof



### Brant Zeeman, 1T2

I'd like to comment but I've got Hadj's class in about 2 minutes ago bye

*Ideal Future Job:* Retired

*Favourite Moment:* Favourite Moment: Walking out of exams



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# ENGINEERING CAREER CENTRE, FACULTY OF APPLIED SCIENCE AND ENGINEERING

**Message to the Graduating Class:** The Engineering Career Centre Staff wish to extend warm congratulations to the graduating class of 2012. As you embark on this exciting, and sometimes, uncertain time, take courage knowing you've come so far and prepared for a life of challenge, growth, and fulfillment. And though you are stepping out, know that our door is always open. We would love to hear how you are doing and if needed, offer any insight. Again, congratulations!



The Engineering Career Centre (ECC) serves to prepare all undergraduate engineering students for their future careers as well as Alumni within 2 years of graduation. The ECC has extensive experience with career development preparation and student support to ensure a productive and successful experience that will enhance the individual's success and contribution to the profession and society. Working towards this objective, the Engineering Career Centre runs various programs and services to connect Engineering students

with opportunities within industry. The Engineering Career Centre's Counsellors and Staff are available throughout the year to meet with all engineering undergraduates and recent alumni.

## PROGRAMS

### 1st Year Students' Development Program

- A series of interactive workshops designed to get students thinking about what it means to identify opportunities that build experience, and learn how to articulate those experiences for future marketability.

eSIP: Engineering Summer Internship Program (4 months, paid)

- 2nd or 3rd year

TCDP: Transportation Career Development Program - Civil Engineering (3 Consecutive Summers, paid)

- Participate from 1st year to 3rd year

PEY: Professional Experience Year internship (12-16 months, paid)

- 2nd or 3rd year

New Grad & Alumni Development Series: Self-assessment, preparation, and job search strategy

- 4th year and recent alumni

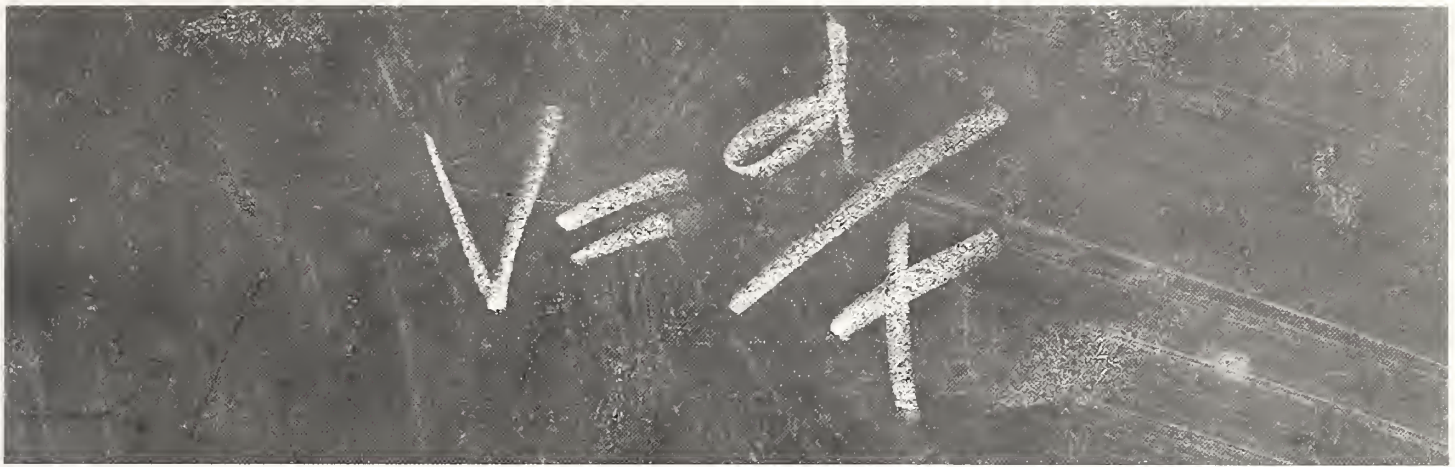
## SERVICES

- Career Development & Preparation Workshops (small and large groups)
- Individual appointments with Counsellors
- Overall Staff support and direction

The Engineering Career Centre student development model focuses on the individual development of each student, by introducing them to the dynamics of an employment relationship, so as to develop an awareness of their potential and contribution as they chart their career path upon graduation. This is achieved through Development Workshops, Seminars, and individual appointments, which are available throughout the year. It is an intense process that requires commitment to participate in the individual and group sessions.

**Engineering Career Centre: 45 Willcocks Street, 2nd Floor, New College Residence  
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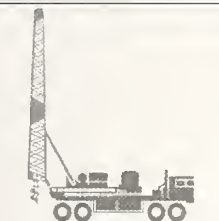
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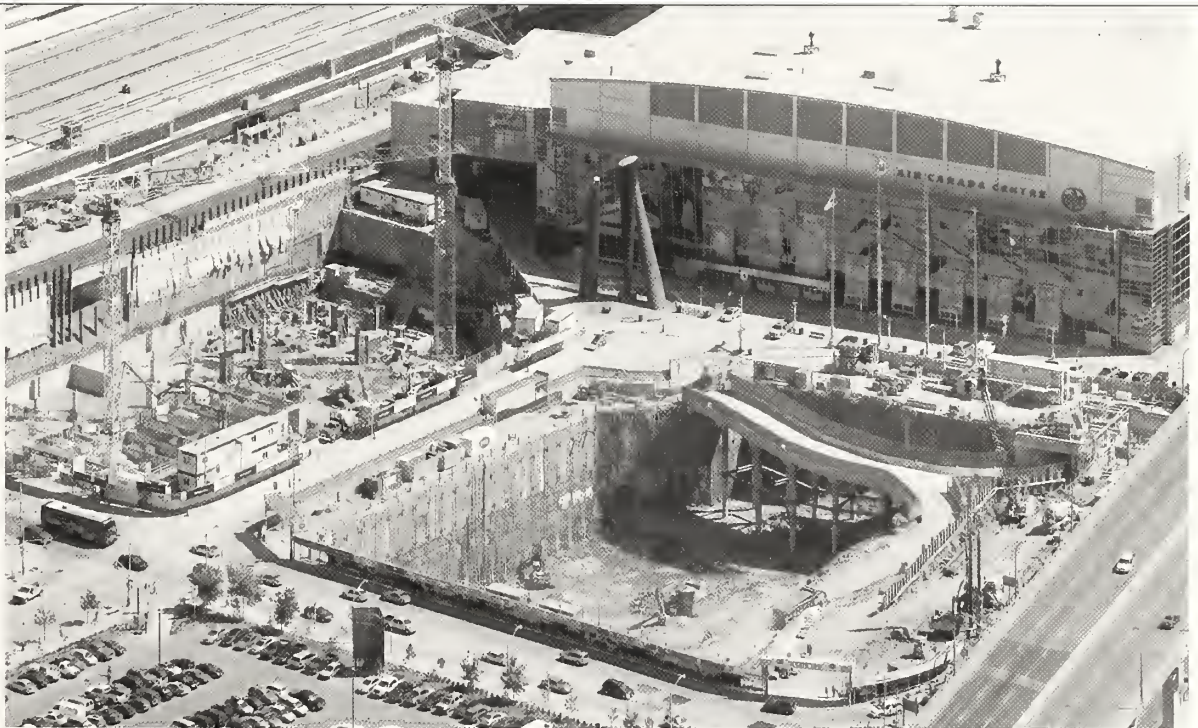
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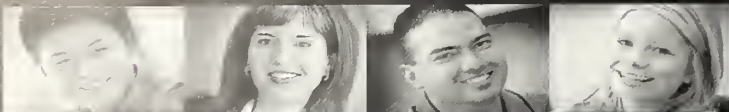
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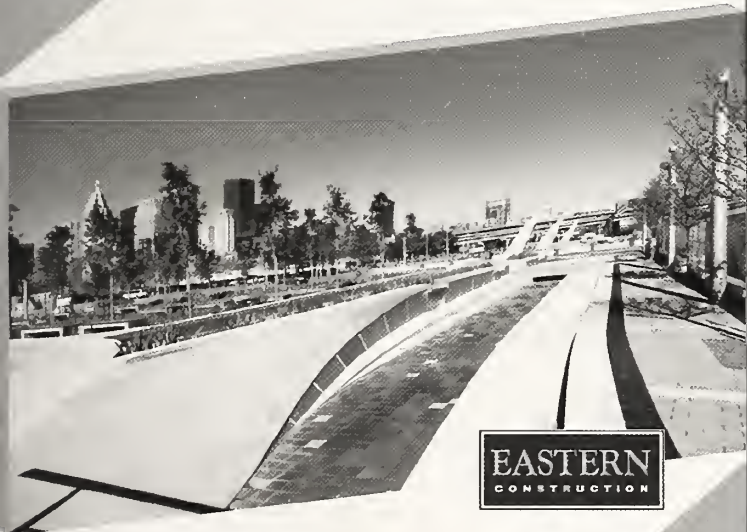


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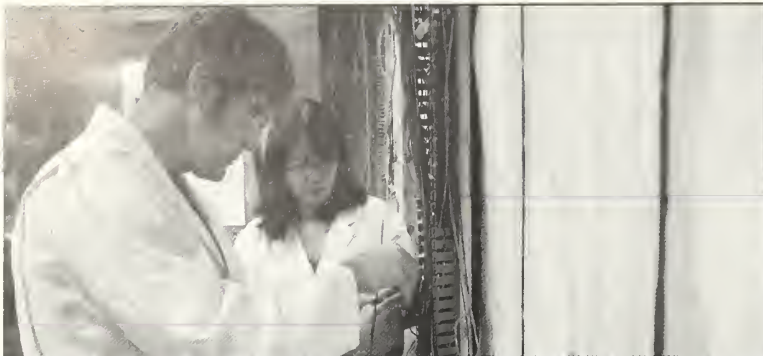
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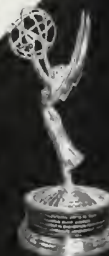
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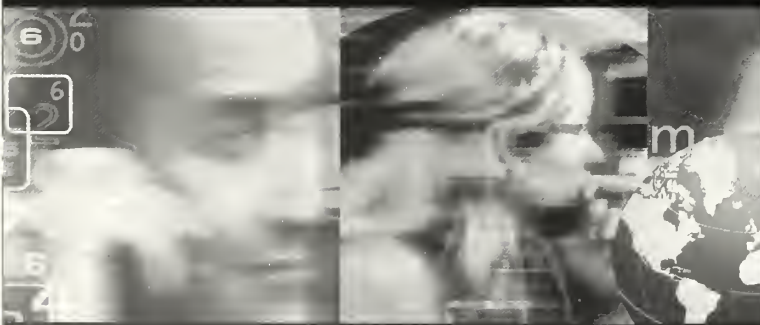
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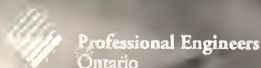
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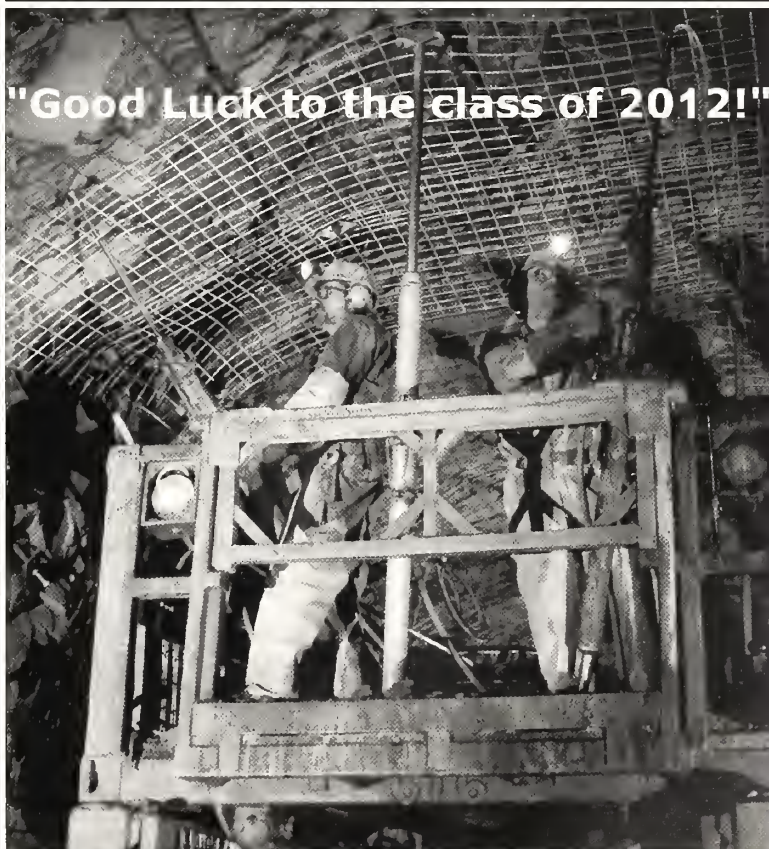
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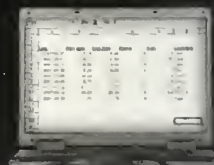
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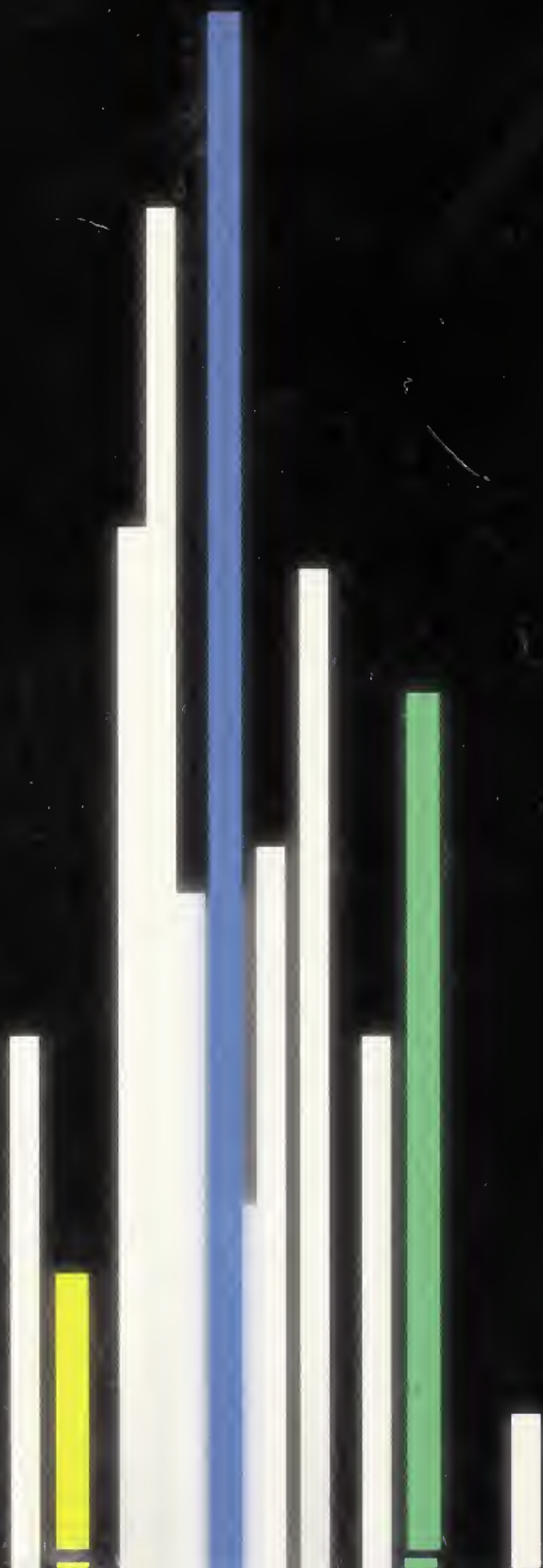












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